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RENHOTEC

CIRCULAR CONNECTOR

2022

CIRCULAR CONNECTOR

RENHOTEC CONNECT · POWERING INDUSTRIES



RENHOTEC | RENHOTEC GROUP LIMITED



RENHOTEC

MAKE THE FUTURE INTELLIGENT AND SMART

www.renhotec.com

ABOUT US

RENHOTEC



20,000m²
Factory Area

280+
Employees

ISO/IATF
Certificated

Founded in 2008, Renhotec is committed to being a global leading solution provider in the field of electrical electronic and industrial connectors.

Renhotec supplies high quality products and provide professional services globally in the industry sectors such as telecommunications industrial automation automotive instrument, railway, new energy marine and offshore machinery, etc. The company won the recognition from partners from the world.

By providing global customers with professional and reliable connectivity solutions, Renhotec is making contributions to creating a smart and interconnected world.





R&d team

From the research and development, mold making to production and processing of connectors, every link is supervised by senior engineers. The entire team has rich experience in the processing of connectors and wire harnesses

Instruments and equipment

Equipped with stamping, injection molding, electroplating manufacturing process technologies and high-precision equipment, it meets the high-quality and high-precision requirements of connectors and terminals. The adoption of automated assembly technology ensures the stable quality of connectors and enhances production efficiency.



Detection and testing

A fully qualified professional laboratory is equipped with general-purpose experimental equipment and customized intermittent testing equipment, capable of conducting tests such as electrical, mechanical performance, and environmental performance analysis, strictly in accordance with requirements.



International certification

After more than a decade of effort and technical expertise, the company has obtained the ISO 9001 and IATF16949 quality management system certifications, as well as international certifications including UL (United States) TUV (Germany) and CE and RoHS (Europe).



Application field

We are currently discovering alternate OEMs or suppliers for sensors and actuator cables and wires. At present, we consume various sensors & actuators cables and wires for our AGV, AMR products.

Servo motor

The trend of networking and movement is also evolving, and the connection methods of servo motors are being upgraded. The application of drag chain cables and high-protection-level connection requirements is accelerating. The M12 / M23 series developed by Renhao Weiye meet the demands of motors of various specifications.



Industrial camera

The development of the Internet of Things (IOT) has promoted the rapid growth of industrial cameras, which play a crucial role in industrial manufacturing and the logistics industry. The M12 connector developed by Renhotec Weiye has better solved the connection problem of industrial cameras in harsh environments and with high transmission requirements.



Industry 4.0

Industry 4.0 is mainly the process of industrial networking. Wireless gateways and wireless management of equipment are widely applied to radio frequency antennas, mainly rubber rod antennas.



Smart Warehousing

The intelligent warehousing warehouse robot realizes the automation of warehousing and logistics. The system automatically replenishes goods and precisely guides operations in coordination with mobile terminals. As a product of the M series, the Zhaowei micro-drive system can efficiently complete the sorting of goods and optimize the logistics process.



Rail transit

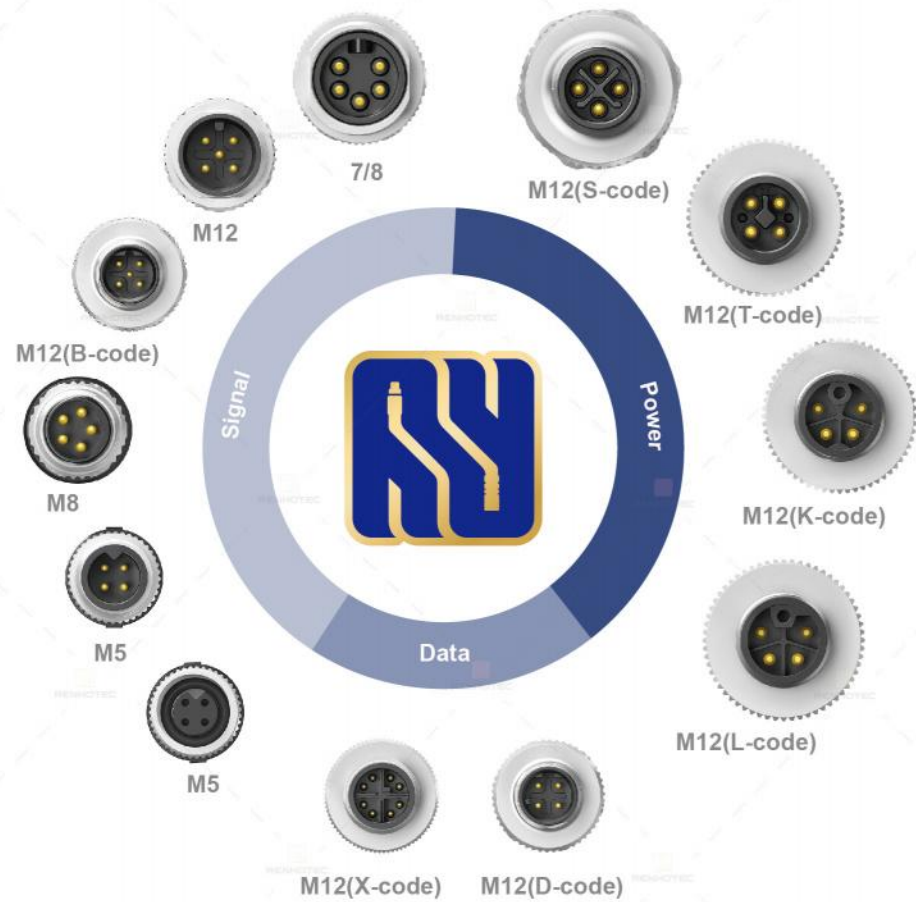
In the field of rail transit, industrial connectors are indispensable and are applied in multiple systems such as vehicle air conditioning and traction. They are classified by function into current, control and network connectors, with emphasis on water resistance, corrosion resistance and high-temperature performance.



M SERIES CODE



PRODUCT CATALOG



• Signal

Signal connectors in models M5 to M23 have a wide range of applications. Different models with 3 to 19 pins can be customized as needed. Available wiring methods include IDC quick wire-free connection, screw-type, spring-type, quick-connect, soldering, crimping, or PCB connection.

• Data

Data connectors enable fast and reliable data communication, suitable for industrial and infrastructure sectors. We provide M8 and M12 circular shielded connectors, compatible with all common industrial fieldbuses and networks.



















• Power

The power connector series includes various types, ranging from compact M12 to high-power M58. The product portfolio is comprehensive, covering cable connectors, equipment connectors, and PCB connectors, with distinct advantages.





















❖ M5 Series	Panel Mount Receptacle / Cable Assembly / Overmolded Cable	28P – 38P
❖ M8 Series	Plug / Panel Mount Receptacle / Cable Assembly / Overmolded Cable / Splitter	39P – 65P
❖ M9 Series	Plug / Panel Mount Receptacle / Cable Assembly / Overmolded Cable	66P – 75P
❖ M12 Series	ABD Code / X Code / Power	76P – 193P
❖ M16 Series	Plug / Panel Mount Receptacle / Cable Assembly / Overmolded Cable / Splitter	194P – 212P
❖ M23 Series	623T Series / 623 Signal Series / 923 Power Series	213P – 228P
❖ 7/8" Series	Plug / Panel Mount Receptacle / Cable Assembly / Overmolded Cable / Splitter	229P – 255P



M5 SERIES

			
29	29	30	30
Part No. M5005	M5003	M5007	M5001
			
31	31	32	32
Part No. M5006	M5004	M5008	M5002
			
33	33	35	35
Part No. RHT-634-1410	RHT-634-1411	M5005-XXX	M5003-XXX
			
36	36	37	37
Part No. M5007-XXX	M5001-XXX	M5010	M5009
			
38	38		
Part No. M5012	M5011		

M8 SERIES

			
40	40	41	41
Part No. RHT-634-3369	RHT-634-3368	RHT-634-1330	RHT-634-1354
			
42	42	43	43
Part No. RHT-634-3231	RHT-634-3230	RHT-634-1278	RHT-634-3118
			
44	44	45	45
Part No. RHT-634-3127	RHT-634-3232	RHT-634-1421	RHT-634-1300
			
46	46	47	47
Part No. RHT-634-1298	RHT-634-1296	RHT-634-1201	RHT-634-1307
			
48	48	49	49
Part No. RHT-634-3233	RHT-634-1412	RHT-634-3150	RHT-634-1301

M8 SERIES



50

Part No. RHT-634-3234



50

RHT-634-1346



51

RHT-634-1204



51

RHT-634-1018



52

Part No. RHT-634-3282



52

RHT-634-3281



53

RHT-634-3507



53

RHT-634-3506



55

Part No. RHT-634-1421-XXX



55

RHT-634-1300-XXX



56

RHT-634-1298-XXX



56

RHT-634-1296-XXX



57

Part No. RHT-634-3150-XXX



57

RHT-634-1301-XXX



58

RHT-M8002



58

RHT-M8001



59

Part No. RHT-M8004



59

RHT-M8003



60

RHT-M8008



60

RHT-M8007

M8 SERIES



61

Part No. RHT-M8010



61

RHT-M8009



62

RHT-M8006



62

RHT-M8005



63

Part No. RHT-605-4080



64

RHT-605-4081



65

RHT-700-0430



65

RHT-700-0431



65

















Part No. RHT-700-0086



65

RHT-700-0085

M9 SERIES

			
67	67	68	68
Part No. RHT-634-3177	Part No. RHT-634-3141	Part No. RHT-634-3178	Part No. RHT-634-3257
			
69	69	70	70
Part No. RHT-634-3179	Part No. RHT-634-3256	Part No. RHT-634-3259	Part No. RHT-634-3258
			
72	62	73	73
Part No. RHT-634-3178-XXX	Part No. RHT-634-3257-XXX	Part No. RHT-634-3179-XXX	Part No. RHT-634-3256-XXX
			
74	74	75	75
Part No. M9002	Part No. M9001	Part No. M9004	Part No. M9003

M12 ABD CODE

			
79	79	80	80
Part No. RHT-634-3371	Part No. RHT-634-3370	Part No. RHT-634-3223	Part No. RHT-634-3091
			
81	81	82	82
Part No. RHT-634-3373	Part No. RHT-634-3372	Part No. RHT-634-3325	Part No. RHT-634-3324
			
83	83	84	84
Part No. RHT-634-3292	Part No. RHT-634-3291	Part No. RHT-634-3221	Part No. RHT-634-3220
			
85	85	86	86
Part No. RHT-634-3327	Part No. RHT-634-3326	Part No. RHT-634-3294	Part No. RHT-634-3293
			
87	87	88	88
Part No. RHT-634-1390	Part No. RHT-634-1322	Part No. RHT-634-1422	Part No. RHT-634-1386

M12 ABD CODE



89



89



90



90

Part No. RHT-634-1355

RHT-634-1314

RHT-634-1337

RHT-634-1306



91



92



92



93

Part No. RHT-634-3423

RHT-634-3245

RHT-634-3189

RHT-634-3154



94



94



95



95

Part No. RHT-634-1423

RHT-634-1185

RHT-634-3065

RHT-634-3064



96



96



97



97

Part No. RHT-634-3067

RHT-634-3066

RHT-634-3069

RHT-634-3068



98



98



99



100

Part No. RHT-634-3077

RHT-634-3076

RHT-634-3224

RHT-634-3392

M12 ABD CODE



100



101



101



102

Part No. RHT-634-3391

RHT-634-3531

RHT-634-3530

RHT-634-3266



102



103



104



105

Part No. RHT-634-3200

RHT-634-3309

RHT-634-3308

RHT-634-3124



105



106



107



110

Part No. RHT-634-3255

RHT-634-3239

RHT-634-3515

RHT-634-1390-XXX



110



111



111



112

Part No. RHT-634-1322-XXX

RHT-634-1422-XXX

RHT-634-1386-XXX

RHT-634-3423-XXX



113



113



114



114

Part No. RHT-634-3245-XXX

RHT-634-3189-XXX

RHT-634-1423-XXX

RHT-634-1185-XXX

M12 ABD CODE



Part No. RHT-634-3065-XXX RHT-634-3064-XXX RHT-634-3067-XXX RHT-634-3066-XXX



Part No. RHT-634-3309-XXX RHT-634-3124-XXX RHT-634-3255-XXX RHT-M12002/M12006



Part No. RHT-M12001/M12005 RHT-M12004/M12008 RHT-M12003/M12007 RHT-M12014



Part No. RHT-M12013 RHT-M12016 RHT-M12015 RHT-605-10056



Part No. RHT-605-10055 RHT-605-10058 RHT-605-10057 M12 Double-End Customized Cable

M12 ABD CODE



Part No. RHT-634-3639 RHT-634-3640 RHT-634-3399 RHT-634-3413



Part No. RHT-634-3366 RHT-634-3367 RHT-605-3641 RHT-605-2934



Part No. RHT-634-3262 RHT-634-3578 RHT-634-3400 RHT-634-3435



Part No. RHT-634-3341 RHT-634-3337 RHT-634-3340 RHT-634-3336



Part No. RHT-634-3343 RHT-634-3339 RHT-634-3342 RHT-634-3338

■ M12 ABD CODE



Part No. EB-400-2221-O-F-S 140 RHT-634-3444 140 RHT-634-3446 141 RHT-634-3445 141



Part No. RHT-634-3480 142 RHT-634-3345 143 RHT-634-3344 143 RHT-634-3347 144



Part No. RHT-634-3346 144 EB-400-2204-P-F-S 145 EB-400-2204-P-M-S 145 RHT-634-3448 146

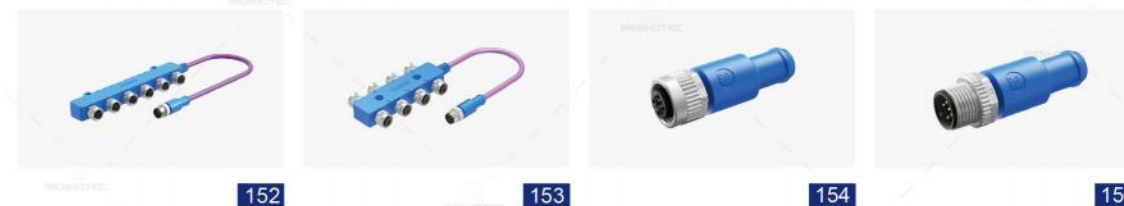


Part No. RHT-634-3447 146 RHT-634-3479 147 RHT-634-3401 148 RHT-634-3453 148



Part No. RHT-634-3402 149 RHT-634-3434 149 RHT-634-3403 150 RHT-634-3404 151

■ M12 ABD CODE



Part No. RHT-634-3405 152 RHT-634-3406 153 RHT-634-3409 154 RHT-634-3408 154



Part No. RHT-634-3411 155 RHT-634-3412 155

■ M12 X CODE



Part No. RHT-634-1193 158 RHT-634-1294 158 RHT-634-3314 159 RHT-634-3052 159



Part No. RHT-634-3276 160 RHT-634-3275 160 RHT-634-3296 161 RHT-634-3028 162

■ M12 X CODE



Part No. RHT-634-1495 RHT-634-3092 RHT-634-3297 RHT-634-3532



Part No. RHT-634-1496 RHT-634-3296-XXX RHT-634-1495-XXX RHT-634-3297-XXX



Part No. RHT-634-3532-XXX RHT-605-10151 RHT-605-10142 RHT-605-10143



Part No. RHT-634-3450 RHT-634-3449 RHT-634-3452 RHT-634-3451



Part No. RHT-634-3478

■ M12 POWER



Part No. RHT-634-3187 RHT-634-3186 RHT-634-3564 RHT-634-3563



Part No. RHT-634-3539 RHT-634-3538 RHT-634-3298 RHT-634-3300



Part No. RHT-634-3219 RHT-634-3218 RHT-634-3302 RHT-634-3301



Part No. RHT-634-3299 RHT-634-3250 RHT-634-3298-XXX RHT-634-3300-XXX



Part No. RHT-634-3219-XXX RHT-634-3218-XXX RHT-634-3302-XXX RHT-634-3301-XXX

M12 POWER



Part No. RHT-605-10144 RHT-605-10145 RHT-605-10146 RHT-605-10147



Part No. RHT-634-3468 RHT-634-3472

M12 ACCESSORIES



Part No. RHT-700-0371 RHT-700-0130 RHT-700-0382 RHT-700-0429

M16 SERIES



Part No. RHT-634-3386 RHT-634-3385 RHT-634-3184 RHT-634-3086



Part No. RHT-634-3384 RHT-634-3383 RHT-634-3084 RHT-634-3081



Part No. RHT-634-3085 RHT-634-3082 RHT-634-3106 RHT-634-3198



Part No. RHT-634-3651 RHT-634-3207 RHT-634-3199 RHT-634-3197



Part No. RHT-634-3188 RHT-634-3084-XXX RHT-634-3081-XXX RHT-634-3085-XXX

M16 SERIES



Part No. RHT-634-3082-XXX RHT-634-3197-XXX RHT-634-3188-XXX RHT-634-4041



Part No. RHT-634-4040 RHT-605-4043 RHT-605-4042 RHT-634-3236



Part No. RHT-634-3235 RHT-634-3241 RHT-634-3240

M23 SERIES



Part No. 623A-F 623A-M 623Y-F 623Y-M



Part No. 623B-F 623B-M 623H-F 623H-M



Part No. M623A-F-E/P M623A-M-E/P M623K-F-E/P M623K-M-E/P



Part No. M623B-F-E/P M623B-M-E/P M623D-F-E/P M623D-M-E/P



Part No. M623D1-F-E/P M623D1-M-E/P M623H-F-E/P M623H-M-E/P

■ M23 SERIES



Part No. RHT-605-10269 RHT-605-10268 M923A M923K



Part No. M923D M923D1

■ Mini Change 7/8"



Part No. 78014 78013 78016 78015



Part No. 780011 78009 78007 78005



Part No. 780012 780010 78008 78006






















Part No. 780011-XXX 78009-XXX 78007-XXX 78005-XXX



Part No. 78002 78001 78004 78003

■ Mini Change 7/8"

			
241	241	242	242
Part No. 78021	78020	78024	78023
			
243	244	245	246
Part No. 78022	78025	RHT-634-3503	RHT-634-3394
			
247	248	249	250
Part No. RHT-634-3520	RHT-634-3498	RHT-634-3499	RHT-634-3395
			
251	252	253	254
Part No. RHT-634-3488	RHT-634-3492	RHT-634-3489	RHT-634-3398
			
254	255	255	
Part No. RHT-634-3397	RHT-700-0369	RHT-701-0278	



M5 Series

- Compliance with IEC61076 standard.
- Protection degree: IP65 (Mated) , IP67 (Mated) .
- Pin configurations: 3, 4 positions.
- Rated current: 1A, Rated voltage: 60V.
- Cable length, material and colours can be customized.

M5 Panel Mount Receptacle, Front Fastened, Solder Cup, Straight

M5 Panel Mount Receptacle, Rear Fastened, Solder Cup, Straight



CE RoHS

CE RoHS

CE RoHS

CE RoHS

Specification

	3	4
Number of positions	3	4
Insert arrangement (Female)		
Insert arrangement (Male)		
Rated current	1A	1A
Rated voltage	60V	60V
Wire gauge	26AWG/0.14mm ²	26AWG/0.14mm ²
Insulation resistance	≥100MΩ	≥100MΩ
Contact resistance	≤5mΩ	≤5mΩ
Temperature range	-25°C ~ +80°C	-25°C ~ +80°C
Protection rating	IP67(Mated)	IP67(Mated)
Body material	Brass, Nickel Plated	Brass, Nickel Plated
Insulation material	PA66+GF	PA66+GF
Contact termination	Solder Cup	Solder Cup
Contact material	Brass	Brass
Contact finish	Gold	Gold
Seal	NBR, Black	NBR, Black
Shielding	Unshielded	Unshielded
Mating cycles	≥500	≥500

Part Number

Number of positions	Female	Male
3	M5005-03	M5003-03
4	M5005-04	M5003-04

Wiring Colours and Sequences

Pin	Female	Male
Pin 1	Brown	Brown
Pin 2	Blue	White
Pin 3	Black	Blue
Pin 4	Black	Black

Specification

	3	4
Number of positions	3	4
Insert arrangement (Female)		
Insert arrangement (Male)		
Rated current	1A	1A
Rated voltage	60V	60V
Wire gauge	26AWG/0.14mm ²	26AWG/0.14mm ²
Insulation resistance	≥100MΩ	≥100MΩ
Contact resistance	≤5mΩ	≤5mΩ
Temperature range	-25°C ~ +80°C	-25°C ~ +80°C
Protection rating	IP67(Mated)	IP67(Mated)
Body material	Brass, Nickel Plated	Brass, Nickel Plated
Insulation material	PA66+GF	PA66+GF
Contact termination	Solder Cup	Solder Cup
Contact material	Brass	Brass
Contact finish	Gold	Gold
Seal	NBR, Black	NBR, Black
Shielding	Unshielded	Unshielded
Mating cycles	≥500	≥500

Part Number

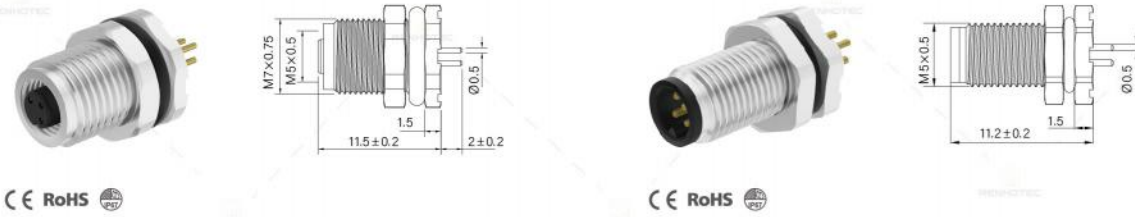
Number of positions	Female	Male
3	M5007-03	M5001-03
4	M5007-04	M5001-04

Wiring Colours and Sequences

Pin	Female	Male
Pin 1	Brown	Brown
Pin 2	Blue	White
Pin 3	Black	Blue
Pin 4	Black	Black

M5 Panel Mount Receptacle, Front Fastened, PCB Type, Straight

M5 Panel Mount Receptacle, Rear Fastened, PCB Type, Straight



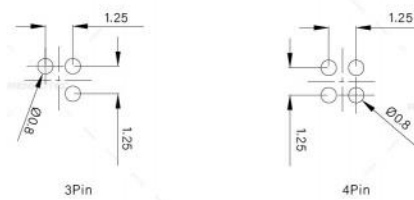
Specification

Number of positions	3	4
Insert arrangement (Female)		
Insert arrangement (Male)		
Rated current	1A	1A
Rated voltage	60V	60V
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25°C ~ +80°C	
Protection rating	IP67(Mated)	
Body material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	PCB Solder	
Contact material	Brass	
Contact finish	Gold	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
3	M5006-03	M5004-03
4	M5006-04	M5004-04

PCB Layout



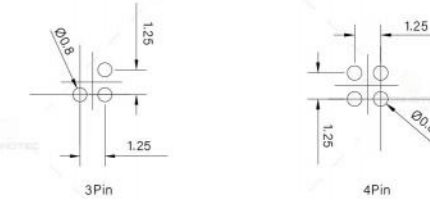
Specification

Number of positions	3	4
Insert arrangement (Female)		
Insert arrangement (Male)		
Rated current	1A	1A
Rated voltage	60V	60V
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25°C ~ +80°C	
Protection rating	IP67(Mated)	
Body material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	PCB Solder	
Contact material	Brass	
Contact finish	Gold	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
3	M5008-03	M5002-03
4	M5008-04	M5002-04

PCB Layout



M5 Panel Mount Receptacle, Front Fastened, SMT, Angled



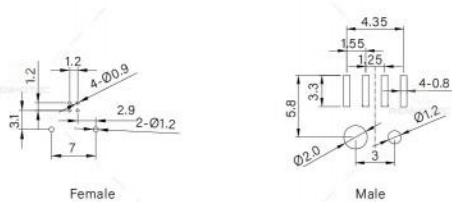
Specification

Number of positions	3	4
Insert arrangement (Female)		
Insert arrangement (Male)		
Rated current	1A	1A
Rated voltage	60V	60V
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25°C ~ +80°C	
Protection rating	IP67(Mated)	
Body material	Brass, Nickel Plated	
Contact termination	SMT	
Insulation material	PA66+GF	
Contact material	Brass	
Contact finish	Gold	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
3	RHT-634-1410-03	RHT-634-1411-03
4	RHT-634-1410-04	RHT-634-1411-04

PCB Layout



M5 Wiring

Female Contact	Wiring Colours and Sequences		Male Contact
	Contacts	Wire Colours	
		(3P)	
	1	BN	
	3	BU	
	Contacts	Wire Colours	
		(4P)	
	1	BN	
	2	WH	
	3	BU	
	4	BK	

M5 Panel Mount Receptacle with Wires, Front Fastened, Straight



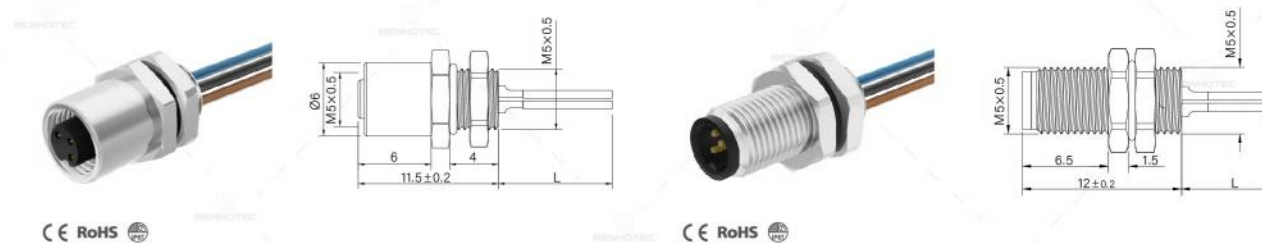
Specification

Number of positions	3	4
Insert arrangement (Female)		
Insert arrangement (Male)		
Rated current	1A	1A
Rated voltage	60V	60V
Wire gauge	26AWG/0.14mm ²	26AWG/0.14mm ²
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25°C ~ +80°C	
Protection rating	IP67(Mated)	
Body material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	Solder Cup	
Contact material	Brass	
Contact finish	Gold	
Wire material	PVC	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Wire Length	Female	Male
3	0.3m	M5005-03-030	M5003-03-030
	Customized	M5005-03-XXX	M5003-03-XXX
4	0.3m	M5005-04-030	M5003-04-030
	Customized	M5005-04-XXX	M5003-04-XXX

M5 Panel Mount Receptacle with Wires, Rear Fastened, Straight



Specification

Number of positions	3	4
Insert arrangement (Female)		
Insert arrangement (Male)		
Rated current	1A	1A
Rated voltage	60V	60V
Wire gauge	26AWG/0.14mm ²	26AWG/0.14mm ²
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25°C ~ +80°C	
Protection rating	IP67(Mated)	
Body material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	Solder Cup	
Contact material	Brass	
Contact finish	Gold	
Wire material	PVC	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Wire Length	Female	Male
3	0.3m	M5007-03-030	M5001-03-030
	Customized	M5007-03-XXX	M5001-03-XXX
4	0.3m	M5007-04-030	M5001-04-030
	Customized	M5007-04-XXX	M5001-04-XXX

M5 Single-ended Cable, Straight



Specification

Number of positions	3	4
Insert arrangement (Female)		
Insert arrangement (Male)		
Rated current	1A	1A
Rated voltage	60V	60V
Wire gauge	26AWG/0.14mm ²	26AWG/0.14mm ²
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25°C ~ +80°C	
Protection rating	IP67(Mated)	
Over-molding material	PVC/TPU	
Screw nut material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	Solder Cup	
Contact material	Brass	
Contact finish	Gold	
Cable material	PVC/PUR/Customized	
Cable Colour	Black/Customized	
Seal	NBR, Black	
Shielding	Unshielded/Shielded	
Mating cycles	≥500	

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
3	1m	M5010-03-C-100	M5010-03-R-100	M5009-03-C-100	M5009-03-R-100
	Customized	M5010-03-C-XXX	M5010-03-R-XXX	M5009-03-C-XXX	M5009-03-R-XXX
4	1m	M5010-04-C-100	M5010-04-R-100	M5009-04-C-100	M5009-04-R-100
	Customized	M5010-04-C-XXX	M5010-04-R-XXX	M5009-04-C-XXX	M5009-04-R-XXX

M5 Single-ended Cable, Angled



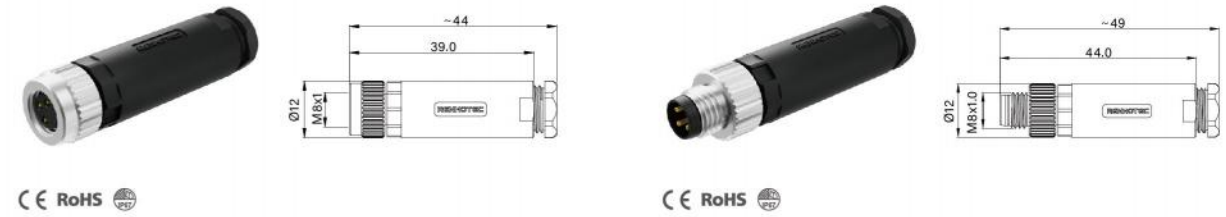
Specification

Number of positions	3	4
Insert arrangement (Female)		
Insert arrangement (Male)		
Rated current	1A	1A
Rated voltage	60V	60V
Wire gauge	26AWG/0.14mm ²	26AWG/0.14mm ²
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25°C ~ +80°C	
Protection rating	IP67(Mated)	
Over-molding material	PVC/TPU	
Screw nut material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	Solder Cup	
Contact material	Brass	
Contact finish	Gold	
Cable material	PVC/PUR/Customized	
Cable Colours	Black/Customized	
Seal	NBR, Black	
Shielding	Unshielded/Shielded	
Mating cycles	≥500	

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
3	1m	M5012-03-C-100	M5012-03-R-100	M5011-03-C-100	M5011-03-R-100
	Customized	M5012-03-C-XXX	M5012-03-R-XXX	M5011-03-C-XXX	M5011-03-R-XXX
4	1m	M5012-04-C-100	M5012-04-R-100	M5011-04-C-100	M5011-04-R-100
	Customized	M5012-04-C-XXX	M5012-04-R-XXX	M5011-04-C-XXX	M5011-04-R-XXX

M8 Field Assembly Connector, Screw Termination, Straight



Specification

Number of positions	3	4
Insert arrangement (Female)		
Insert arrangement (Male)		
Coded	A-Coded	A-Coded
Rated current	3A	3A
Rated voltage	50V AC/60V DC	50V AC/60V DC
Wire gauge	24AWG/0.25mm ²	24AWG/0.25mm ²
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25 °C ~ 80 °C	
Protection rating	IP67(Mated)	
Body material	PA66	
Screw nut material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	Screw Termination	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
3	RHT-634-3369-03	RHT-634-3368-03
4	RHT-634-3369-04	RHT-634-3368-04

Component Part



M8 Series

- Compliance with the IEC61076 standard.
- Protection degrees: IP65(Mated), IP67(Mated).
- 360° EMC shielded version available.
- Pin configurations: 3, 4, 5, 6, 8 positions.
- Cable length, material, and colours can be customized.

M8 Field Assembly Connector, Screw Termination, Angled



CE RoHS

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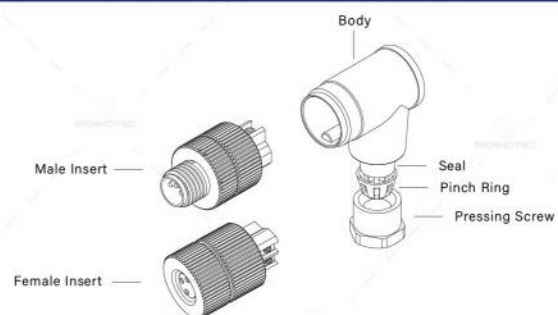
Specification

Number of positions	3	4
Insert arrangement (Female)		
Insert arrangement (Male)		
Coded	A-Coded	A-Coded
Rated current	3A	3A
Rated voltage	50V AC/60V DC	50V AC/60V DC
Wire gauge	24AWG/0.25mm ²	24AWG/0.25mm ²
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25°C ~ +80°C	
Protection rating	IP67(Mated)	
Body material	PA66	
Screw nut material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	Screw Termination	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

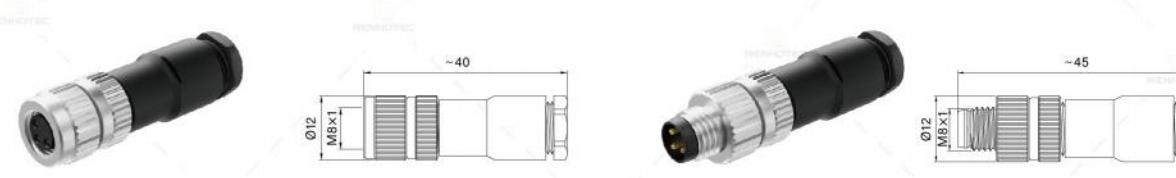
Part Number

Number of positions	Female	Male
3	RHT-634-1330-03	RHT-634-1354-03
4	RHT-634-1330-04	RHT-634-1354-04

Component Part



M8 Field Assembly Connector, Solder Cup, Straight



CE RoHS

CE RoHS

Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Body material	PA66				
Screw nut material	Brass, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Solder Cup				
Contact material	Brass, Gold Plated				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

Number of positions	Female	Male
3	RHT-634-3231-03	RHT-634-3230-03
4	RHT-634-3231-04	RHT-634-3230-04
5	RHT-634-3231-05	RHT-634-3230-05
6	RHT-634-3231-06	RHT-634-3230-06
8	RHT-634-3231-08	RHT-634-3230-08

Component Part



M8 Field Assembly Connector, Solder Cup, Angled



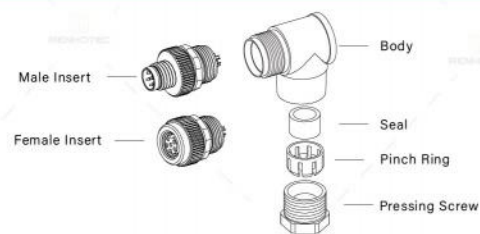
Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²		26AWG/0.14mm ²		
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25 °C ~ +80 °C				
Protection rating	IP67(Mated)				
Body material	PA66				
Screw nut material	Brass, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Solder Cup				
Contact material	Brass, Gold Plated				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

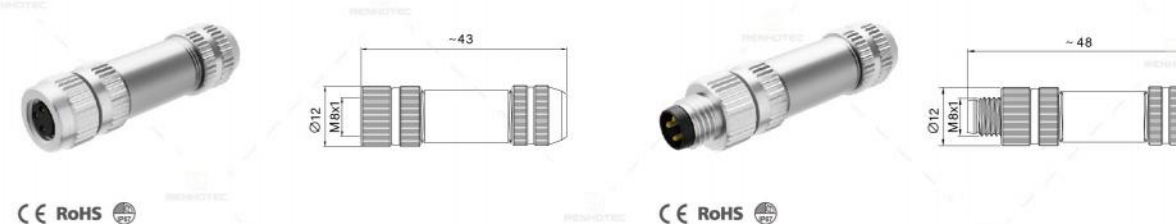
Part Number

Number of positions	Female	Male
3	RHT-634-1278-03	RHT-634-3118-03
4	RHT-634-1278-04	RHT-634-3118-04
5	RHT-634-1278-05	RHT-634-3118-05
6	RHT-634-1278-06	RHT-634-3118-06
8	RHT-634-1278-08	RHT-634-3118-08

Component Part



M8 Field Assembly Connector, Solder Cup, Straight



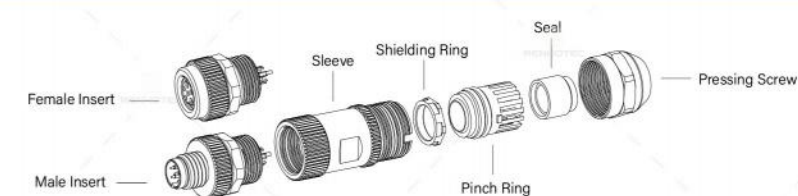
Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²		26AWG/0.14mm ²		
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-40 °C ~ +80 °C				
Protection rating	IP67(Mated)				
Body material	Brass, Nickel Plated				
Screw nut material	Brass, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Solder Cup				
Contact material	Brass, Gold Plated				
Seal	NBR, Black				
Shielding	Shielded				
Mating cycles	≥500				

Part Number

Number of positions	Female	Male
3	RHT-634-3127-03	RHT-634-3232-03
4	RHT-634-3127-04	RHT-634-3232-04
5	RHT-634-3127-05	RHT-634-3232-05
6	RHT-634-3127-06	RHT-634-3232-06
8	RHT-634-3127-08	RHT-634-3232-08

Component Part



M8 Panel Mount Receptacle, Front Fastened, Solder Cup, Straight

M8 Panel Mount Receptacle, Rear Fastened, Solder Cup, Straight



Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²		26AWG/0.14mm ²		
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Body material	Brass, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Solder Cup				
Contact material	Brass				
Contact finish	Gold				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

Number of positions	Female	Male
3	RHT-634-1421-03	RHT-634-1300-03
4	RHT-634-1421-04	RHT-634-1300-04
5	RHT-634-1421-05	RHT-634-1300-05
6	RHT-634-1421-06	RHT-634-1300-06
8	RHT-634-1421-08	RHT-634-1300-08

Wiring Colours and Sequences

Position	3	4	5	6	8
Pin 1	Brown	Brown	Brown	Brown	White
Pin 2	White	White	White	White	Brown
Pin 3	Blue	Blue	Blue	Blue	Green
Pin 4	Black	Black	Black	Black	Yellow
Pin 5			Gray	Gray	Gray
Pin 6				Gray	Gray
Pin 7				Pink	Pink
Pin 8				Blue	Blue
				Red	Red

Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²		26AWG/0.14mm ²		
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Body material	Brass, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Solder Cup				
Contact material	Brass				
Contact finish	Gold				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

Number of positions	Female	Male
3	RHT-634-1298-03	RHT-634-1296-03
4	RHT-634-1298-04	RHT-634-1296-04
5	RHT-634-1298-05	RHT-634-1296-05
6	RHT-634-1298-06	RHT-634-1296-06
8	RHT-634-1298-08	RHT-634-1296-08

Wiring Colours and Sequences

Position	3	4	5	6	8
Pin 1	Brown	Brown	Brown	Brown	White
Pin 2	White	White	White	White	Brown
Pin 3	Blue	Blue	Blue	Blue	Green
Pin 4	Black	Black	Black	Black	Yellow
Pin 5			Gray	Gray	Gray
Pin 6				Gray	Gray
Pin 7				Pink	Pink
Pin 8				Blue	Blue
				Red	Red

M8 Panel Mount Receptacle, Front Fastened, PCB Type, Straight



CE RoHS

CE RoHS

Specification

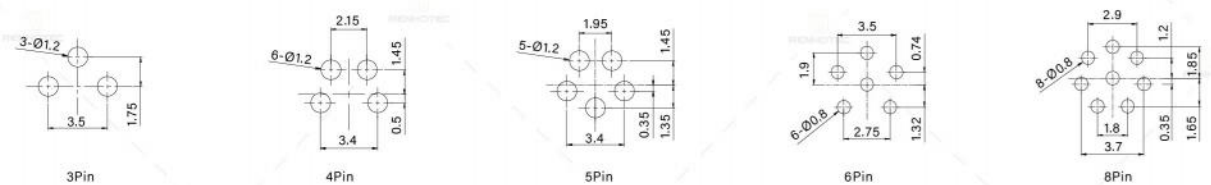
Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Body material	Brass, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	PCB Solder				
Contact material	Brass				
Contact finish	Gold				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

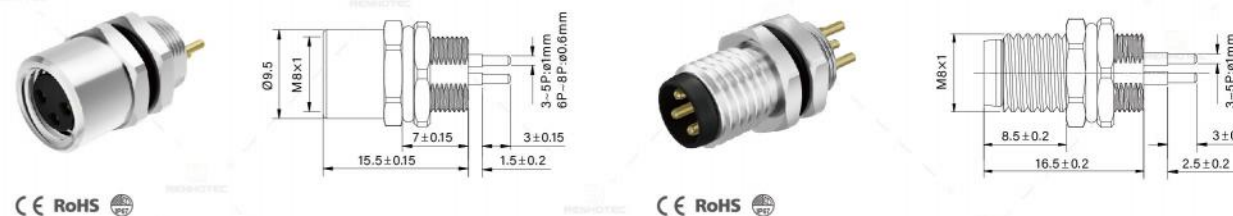
Part Number

Number of positions	Female	Male
3	RHT-634-1201-03	RHT-634-1307-03
4	RHT-634-1201-04	RHT-634-1307-04
5	RHT-634-1201-05	RHT-634-1307-05
6	RHT-634-1201-06	RHT-634-1307-06
8	RHT-634-1201-08	RHT-634-1307-08

PCB Layout



M8 Panel Mount Receptacle, Rear Fastened, PCB Type, Straight



CE RoHS

CE RoHS

Specification

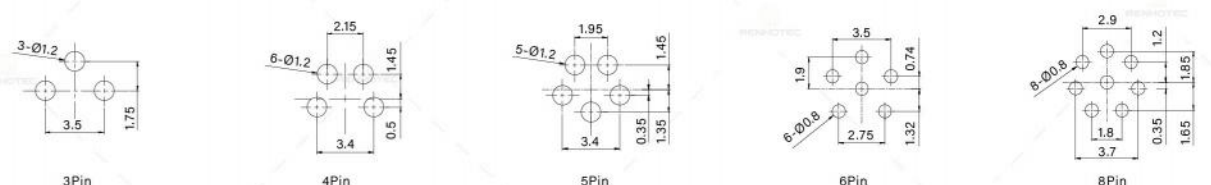
Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Body material	Brass, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	PCB Solder				
Contact material	Brass				
Contact finish	Gold				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

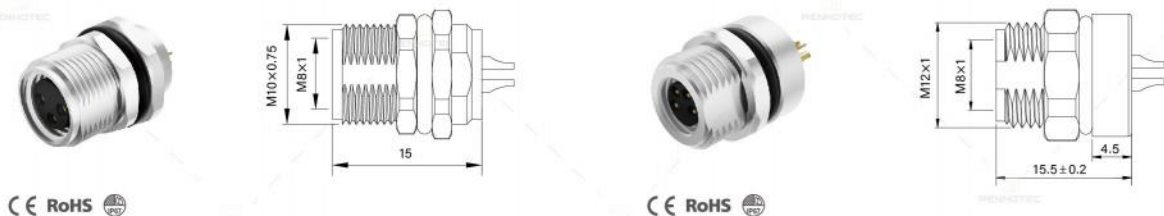
Number of positions	Female	Male
3	RHT-634-3233-03	RHT-634-1412-03
4	RHT-634-3233-04	RHT-634-1412-04
5	RHT-634-3233-05	RHT-634-1412-05
6	RHT-634-3233-06	RHT-634-1412-06
8	RHT-634-3233-08	RHT-634-1412-08

PCB Layout



M8 Panel Mount Receptacle, Female Front Fastened, Solder Cup, Straight

M8 Panel Mount Receptacle, Female Front Fastened, PCB Type, Straight



Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Body material	Brass, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Solder Cup				
Contact material	Brass				
Contact finish	Gold				
Seal	FKM				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

Number of positions	M10x0.75	M12x1
3	RHT-634-3150-03	RHT-634-1301-03
4	RHT-634-3150-04	RHT-634-1301-04
5	RHT-634-3150-05	RHT-634-1301-05
6	RHT-634-3150-06	RHT-634-1301-06
8	RHT-634-3150-08	RHT-634-1301-08

Wiring Colours and Sequences

Position	Color	Color	Color	Color	Color
Pin 1	Brown	Brown	Brown	Brown	White
Pin 2	White	White	White	White	Brown
Pin 3	Blue	Blue	Blue	Blue	Green
Pin 4	Black	Black	Black	Black	Yellow
Pin 5			Gray	Gray	Gray
Pin 6					Pink
Pin 7					Blue
Pin 8					Red

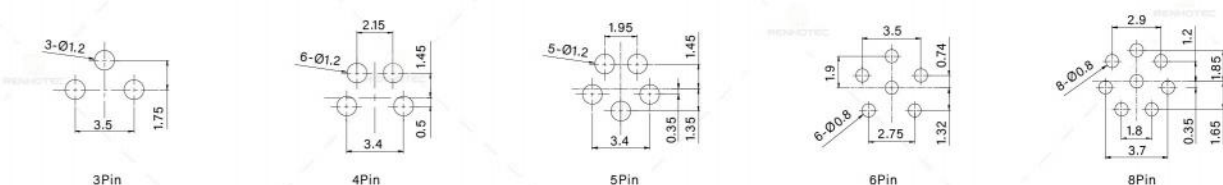
Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Body material	Brass, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	PCB Solder				
Contact material	Brass				
Contact finish	Gold				
Seal	FKM				
Shielding	Unshielded				
Mating cycles	≥500				

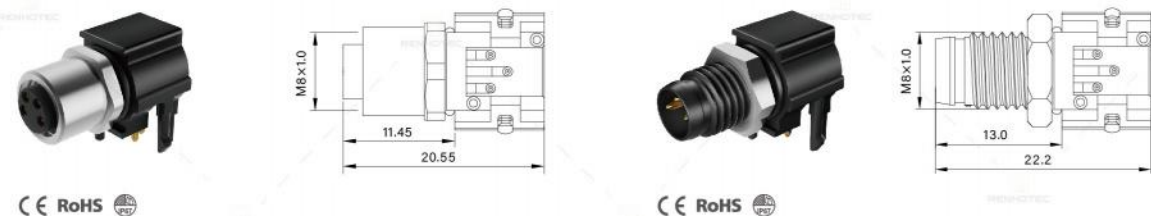
Part Number

Number of positions	M10x0.75	M12x1
3	RHT-634-3234-03	RHT-634-1346-03
4	RHT-634-3234-04	RHT-634-1346-04
5	RHT-634-3234-05	RHT-634-1346-05
6	RHT-634-3234-06	RHT-634-1346-06
8	RHT-634-3234-08	RHT-634-1346-08

PCB Layout



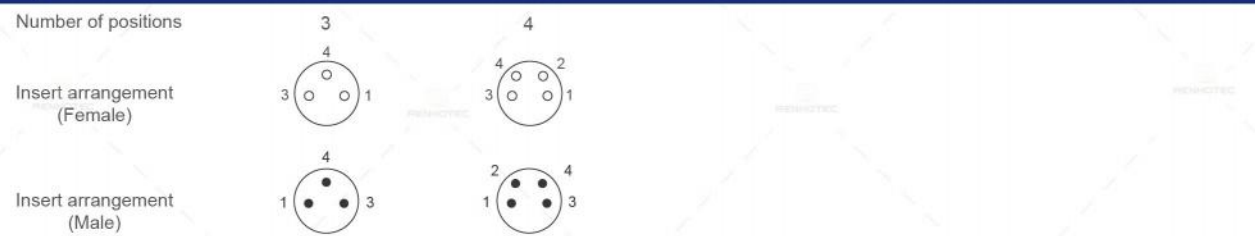
M8 Panel Mount Receptacle, Front Fastened, PCB Type, Angled



CE RoHS

CE RoHS

Specification

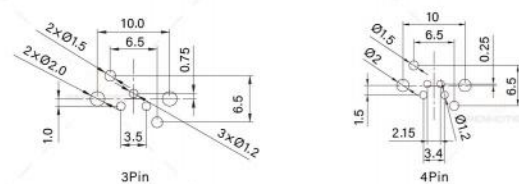


Coded	A-Coded	A-Coded
Rated current	3A	3A
Rated voltage	50V AC/60V DC	50V AC/60V DC
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25°C ~ +80°C	
Protection rating	IP67(Mated)	
Body material	Brass, PBT	
Insulation material	PA66+GF	
Contact termination	PCB Solder	
Contact material	Brass	
Contact finish	Gold	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

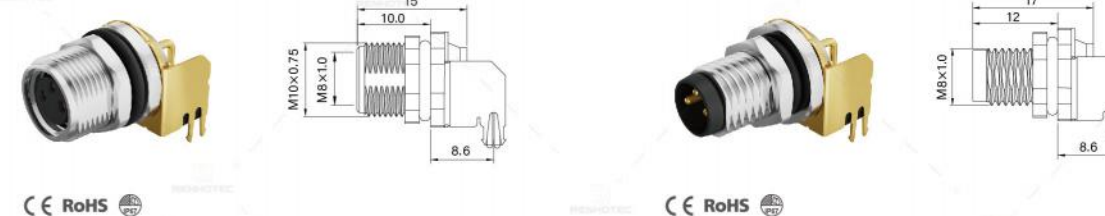
Part Number

Number of positions	Female	Male
3	RHT-634-1204	RHT-634-1018
4	RHT-634-1017	RHT-634-0160

PCB Layout



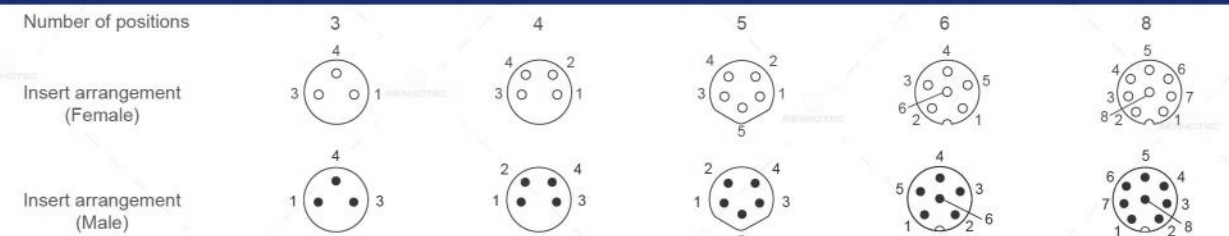
M8 Panel Mount Receptacle, Front Fastened, PCB Type, Angled



CE RoHS

CE RoHS

Specification

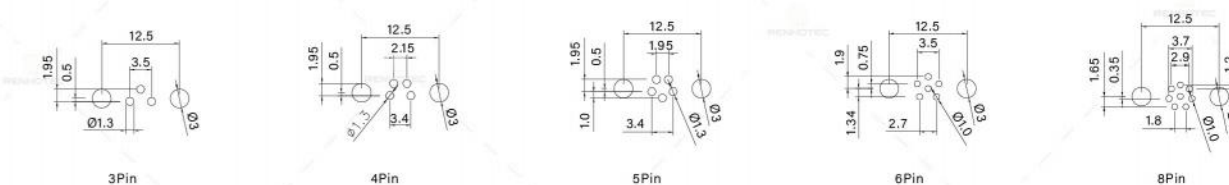


Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Body material	Brass, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	PCB Solder				
Contact material	Brass				
Contact finish	Gold				
Seal	FKM				
Shielding	Shielded				
Mating cycles	≥500				

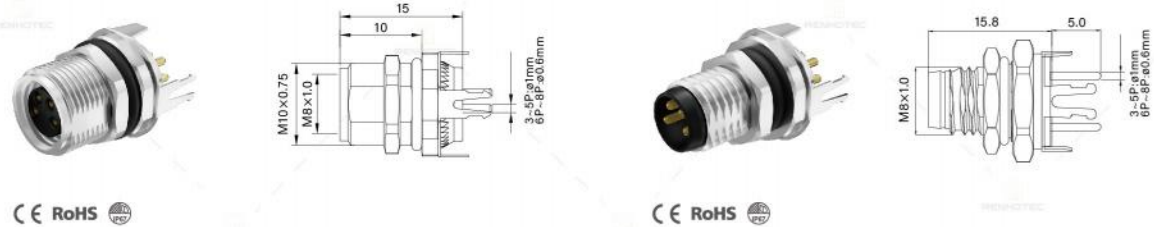
Part Number

Number of positions	Female	Male
3	RHT-634-3282-03	RHT-634-3281-03
4	RHT-634-3282-04	RHT-634-3281-04
5	RHT-634-3282-05	RHT-634-3281-05
6	RHT-634-3282-06	RHT-634-3281-06
8	RHT-634-3282-08	RHT-634-3281-08

PCB Layout



M8 Panel Mount Receptacle, Front Fastened, PCB Type, Straight



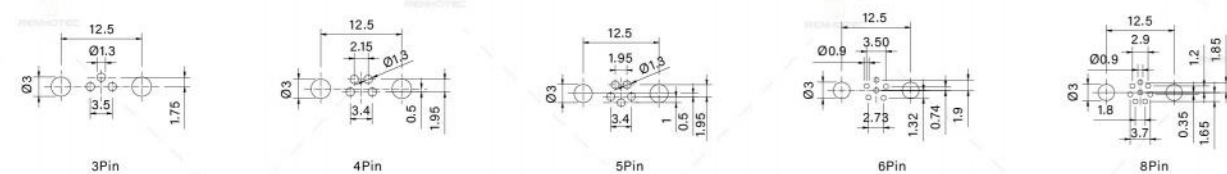
Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Body material	Brass, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	PCB Solder				
Contact material	Brass				
Contact finish	Gold				
Seal	NBR, Black				
Shielding	Shielded				
Mating cycles	≥500				

Part Number

Number of positions	Female	Male
3	RHT-634-3507-03	RHT-634-3506-03
4	RHT-634-3507-04	RHT-634-3506-04
5	RHT-634-3507-05	RHT-634-3506-05
6	RHT-634-3507-06	RHT-634-3506-06
8	RHT-634-3507-08	RHT-634-3506-08

PCB Layout



M8 Wiring

Female Contact	Wiring Colours and Sequences		Male Contact
	Contacts	Wire Colours (3P A Code)	
	1	BN	
	3	BU	
	4	BK	
	Contacts	Wire Colours (4P A Code)	
	1	BN	
	2	WH	
	3	BU	
	4	BK	
	Contacts	Wire Colours (5P B Code)	
	1	BN	
	2	WH	
	3	BU	
	4	BK	
	5	GY	
	Contacts	Wire Colours (6P A Code)	
	1	BN	
	2	WH	
	3	BU	
	4	BK	
	5	GY	
	6	PK	
	Contacts	Wire Colours (8P A Code)	
	1	WH	
	2	BN	
	3	GN	
	4	YE	
	5	GY	
	6	PK	
	7	BU	
	8	RD	

M8 Panel Mount Receptacle with Wires, Front Fastened, Straight



CE RoHS

CE RoHS

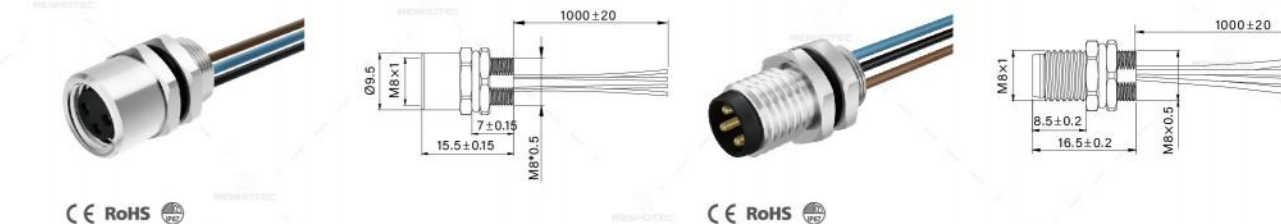
Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25 C ~ +80 C				
Protection rating	IP67(Mated)				
Body material	Brass, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Solder Cup				
Contact material	Brass				
Contact finish	Gold				
Wire material	PVC				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

Number of positions	Wire Length	Female	Male
3	0.3m	RHT-634-1421-03-030	RHT-634-1300-03-030
	Customized	RHT-634-1421-03-XXX	RHT-634-1300-03-XXX
4	0.3m	RHT-634-1421-04-030	RHT-634-1300-04-030
	Customized	RHT-634-1421-04-XXX	RHT-634-1300-04-XXX
5	0.3m	RHT-634-1421-05-030	RHT-634-1300-05-030
	Customized	RHT-634-1421-05-XXX	RHT-634-1300-05-XXX
6	0.3m	RHT-634-1421-06-030	RHT-634-1300-06-030
	Customized	RHT-634-1421-06-XXX	RHT-634-1300-06-XXX
8	0.3m	RHT-634-1421-08-030	RHT-634-1300-08-030
	Customized	RHT-634-1421-08-XXX	RHT-634-1300-08-XXX

M8 Panel Mount Receptacle with Wires, Rear Fastened, Straight



CE RoHS

CE RoHS

Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25 C ~ +80 C				
Protection rating	IP67(Mated)				
Body material	Brass, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Solder Cup				
Contact material	Brass				
Contact finish	Gold				
Wire material	PVC				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

Number of positions	Wire Length	Female	Male
3	0.3m	RHT-634-1298-03-030	RHT-634-1296-03-030
	Customized	RHT-634-1298-03-XXX	RHT-634-1296-03-XXX
4	0.3m	RHT-634-1298-04-030	RHT-634-1296-04-030
	Customized	RHT-634-1298-04-XXX	RHT-634-1296-04-XXX
5	0.3m	RHT-634-1298-05-030	RHT-634-1296-05-030
	Customized	RHT-634-1298-05-XXX	RHT-634-1296-05-XXX
6	0.3m	RHT-634-1298-06-030	RHT-634-1296-06-030
	Customized	RHT-634-1298-06-XXX	RHT-634-1296-06-XXX
8	0.3m	RHT-634-1298-08-030	RHT-634-1296-08-030
	Customized	RHT-634-1298-08-XXX	RHT-634-1296-08-XXX

M8 Panel Mount Receptacle with Wires, Front Fastened, Straight



CE RoHS

CE RoHS

Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Body material	Brass, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Solder Cup				
Contact material	Brass				
Contact finish	Gold				
Wire material	PVC				
Seal	FKM				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

Number of positions	Wire Length	M10x0.75	M12x1
3	0.3m	RHT-634-3150-03-030	RHT-634-1301-03-030
	Customized	RHT-634-3150-03-XXX	RHT-634-1301-03-XXX
4	0.3m	RHT-634-3150-04-030	RHT-634-1301-04-030
	Customized	RHT-634-3150-04-XXX	RHT-634-1301-04-XXX
5	0.3m	RHT-634-3150-05-030	RHT-634-1301-05-030
	Customized	RHT-634-3150-05-XXX	RHT-634-1301-05-XXX
6	0.3m	RHT-634-3150-06-030	RHT-634-1301-06-030
	Customized	RHT-634-3150-06-XXX	RHT-634-1301-06-XXX
8	0.3m	RHT-634-3150-08-030	RHT-634-1301-08-030
	Customized	RHT-634-3150-08-XXX	RHT-634-1301-08-XXX

M8 Single-ended Cable, Straight



CE RoHS

CE RoHS

Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Over-molding material	PVC/TPU				
Screw nut material	Zinc Alloy, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Solder Cup				
Contact material	Brass, Gold Plated				
Cable material	PVC/PUR/Customized				
Cable Colour	Black/Customized				
Seal	FKM				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
3	1m	M8002-03-C-100	M8002-03-R-100	M8001-03-C-100	M8001-03-R-100
	Customized	M8002-03-C-XXX	M8002-03-R-XXX	M8001-03-C-XXX	M8001-03-R-XXX
4	1m	M8002-04-C-100	M8002-04-R-100	M8001-04-C-100	M8001-04-R-100
	Customized	M8002-04-C-XXX	M8002-04-R-XXX	M8001-04-C-XXX	M8001-04-R-XXX
5	1m	M8002-05-C-100	M8002-05-R-100	M8001-05-C-100	M8001-05-R-100
	Customized	M8002-05-C-XXX	M8002-05-R-XXX	M8001-05-C-XXX	M8001-05-R-XXX
6	1m	M8002-06-C-100	M8002-06-R-100	M8001-06-C-100	M8001-06-R-100
	Customized	M8002-06-C-XXX	M8002-06-R-XXX	M8001-06-C-XXX	M8001-06-R-XXX
8	1m	M8002-08-C-100	M8002-08-R-100	M8001-08-C-100	M8001-08-R-100
	Customized	M8002-08-C-XXX	M8002-08-R-XXX	M8001-08-C-XXX	M8001-08-R-XXX

M8 Single-ended Cable, Angled



CE RoHS

CE RoHS

M8 Single-ended Cable, Straight



CE RoHS

CE RoHS

Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Over-molding material	PVC/TPU				
Screw nut material	Zinc Alloy, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Solder Cup				
Contact material	Brass, Gold Plated				
Cable material	PVC/PUR/Customized				
Cable Colour	Black/Customized				
Seal	FKM				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
3	1m	M8004-03-C-100	M8004-03-R-100	M8003-03-C-100	M8003-03-R-100
	Customized	M8004-03-C-XXX	M8004-03-R-XXX	M8003-03-C-XXX	M8003-03-R-XXX
4	1m	M8004-04-C-100	M8004-04-R-100	M8003-04-C-100	M8003-04-R-100
	Customized	M8004-04-C-XXX	M8004-04-R-XXX	M8003-04-C-XXX	M8003-04-R-XXX
5	1m	M8004-05-C-100	M8004-05-R-100	M8003-05-C-100	M8003-05-R-100
	Customized	M8004-05-C-XXX	M8004-05-R-XXX	M8003-05-C-XXX	M8003-05-R-XXX
6	1m	M8004-06-C-100	M8004-06-R-100	M8003-06-C-100	M8003-06-R-100
	Customized	M8004-06-C-XXX	M8004-06-R-XXX	M8003-06-C-XXX	M8003-06-R-XXX
8	1m	M8004-08-C-100	M8004-08-R-100	M8003-08-C-100	M8003-08-R-100
	Customized	M8004-08-C-XXX	M8004-08-R-XXX	M8003-08-C-XXX	M8003-08-R-XXX

Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Over-molding material	PVC/TPU				
Screw nut material	Brass, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Solder Cup				
Contact material	Brass, Gold Plated				
Cable material	PVC/PUR/Customized				
Cable Colour	Black/Customized				
Seal	NBR, Black				
Shielding	Shielded				
Mating cycles	≥500				

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
3	1m	M8008-03-C-100	M8008-03-R-100	M8007-03-C-100	M8007-03-R-100
	Customized	M8008-03-C-XXX	M8008-03-R-XXX	M8007-03-C-XXX	M8007-03-R-XXX
4	1m	M8008-04-C-100	M8008-04-R-100	M8007-04-C-100	M8007-04-R-100
	Customized	M8008-04-C-XXX	M8008-04-R-XXX	M8007-04-C-XXX	M8007-04-R-XXX
5	1m	M8008-05-C-100	M8008-05-R-100	M8007-05-C-100	M8007-05-R-100
	Customized	M8008-05-C-XXX	M8008-05-R-XXX	M8007-05-C-XXX	M8007-05-R-XXX
6	1m	M8008-06-C-100	M8008-06-R-100	M8007-06-C-100	M8007-06-R-100
	Customized	M8008-06-C-XXX	M8008-06-R-XXX	M8007-06-C-XXX	M8007-06-R-XXX
8	1m	M8008-08-C-100	M8008-08-R-100	M8007-08-C-100	M8007-08-R-100
	Customized	M8008-08-C-XXX	M8008-08-R-XXX	M8007-08-C-XXX	M8007-08-R-XXX

M8 Single-ended Cable, Angled



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Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Over-molding material	PVC/TPU				
Screw nut material	Brass, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Solder Cup				
Contact material	Brass, Gold Plated				
Cable material	PVC/PUR/Customized				
Cable Colour	Black/Customized				
Seal	NBR, Black				
Shielding	Shielded				
Mating cycles	≥500				

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
3	1m	M8010-03-C-100	M8010-03-R-100	M8009-03-C-100	M8009-03-R-100
	Customized	M8010-03-C-XXX	M8010-03-R-XXX	M8009-03-C-XXX	M8009-03-R-XXX
4	1m	M8010-04-C-100	M8010-04-R-100	M8009-04-C-100	M8009-04-R-100
	Customized	M8010-04-C-XXX	M8010-04-R-XXX	M8009-04-C-XXX	M8009-04-R-XXX
5	1m	M8010-05-C-100	M8010-05-R-100	M8009-05-C-100	M8009-05-R-100
	Customized	M8010-05-C-XXX	M8010-05-R-XXX	M8009-05-C-XXX	M8009-05-R-XXX
6	1m	M8010-06-C-100	M8010-06-R-100	M8009-06-C-100	M8009-06-R-100
	Customized	M8010-06-C-XXX	M8010-06-R-XXX	M8009-06-C-XXX	M8009-06-R-XXX
8	1m	M8010-08-C-100	M8010-08-R-100	M8009-08-C-100	M8009-08-R-100
	Customized	M8010-08-C-XXX	M8010-08-R-XXX	M8009-08-C-XXX	M8009-08-R-XXX

M8 Snap-on Cable, Straight



CE RoHS

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Specification

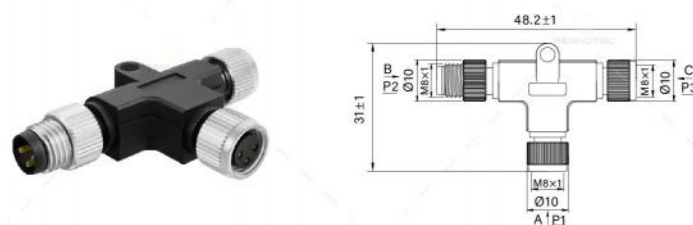
Number of positions	3	4
Insert arrangement (Female)		
Insert arrangement (Male)		

Coded	A-Coded	A-Coded
Rated current	3A	3A
Rated voltage	50V AC/60V DC	50V AC/60V DC
Wire gauge	24AWG/0.25mm ²	24AWG/0.25mm ²
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25°C ~ +80°C	
Protection rating	IP67(Mated)	
Over-molding material	PVC/TPU	
Screw nut material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	Solder Cup	
Contact material	Brass, Gold Plated	
Cable material	PVC/PUR/Customized	
Cable Colours	Black/Customized	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
3	1m	M8006-03-C-100	M8006-03-R-100	M8005-03-C-100	M8005-03-R-100
	Customized	M8006-03-C-XXX	M8006-03-R-XXX	M8005-03-C-XXX	M8005-03-R-XXX
4	1m	M8006-04-C-100	M8006-04-R-100	M8005-04-C-100	M8005-04-R-100
	Customized	M8006-04-C-XXX	M8006-04-R-XXX	M8005-04-C-XXX	M8005-04-R-XXX

M8 Tee Type Splitter, Male to 2 x Female



CE RoHS

Specification

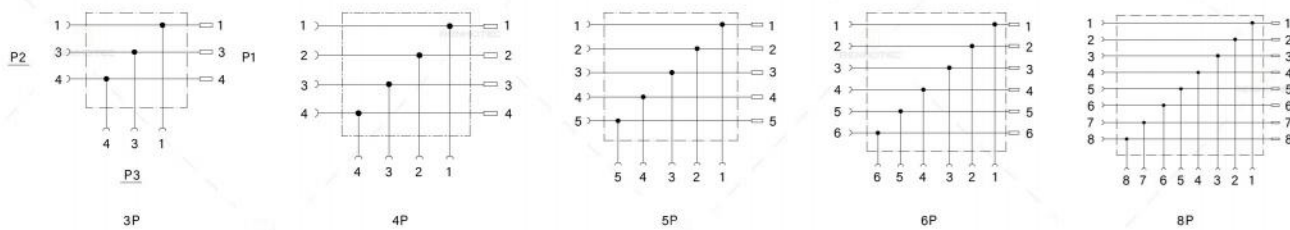
Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Body material	PVC				
Screw material	Brass, Nickel Flash				
Insulation material	PA66+GF				
Contact material	Brass				
Contact finish	Gold				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

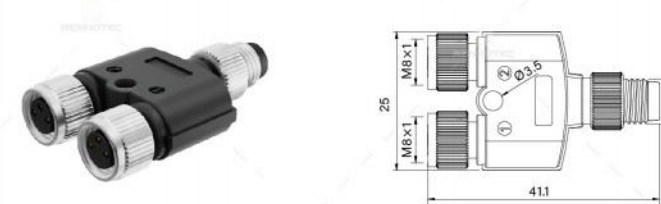
Part Number

Number of positions	Male to 2 Female
3	RHT-605-4080-03
4	RHT-605-4080-04
5	RHT-605-4080-05
6	RHT-605-4080-06
8	RHT-605-4080-08

Wiring Diagram



M8 Y Type Splitter, Male to 2 x Female



CE RoHS

Specification

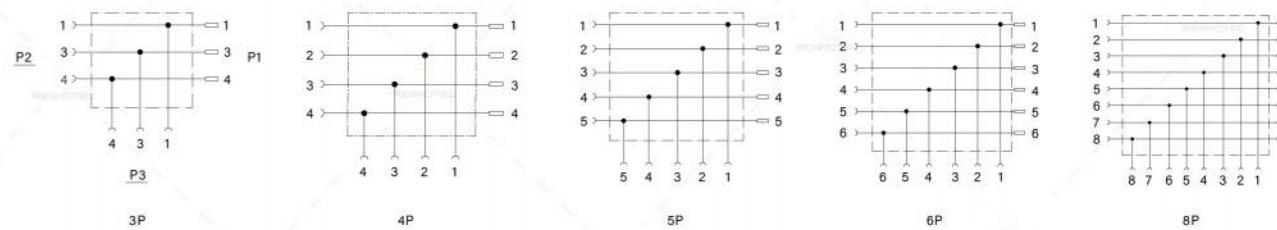
Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Body material	PVC				
Screw material	Brass, Nickel Flash				
Insulation material	PA66+GF				
Contact material	Brass				
Contact finish	Gold				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

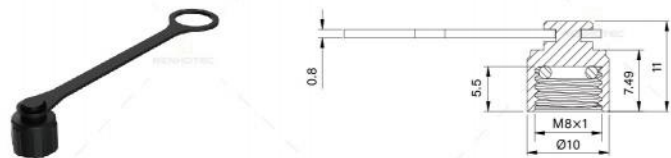
Part Number

Number of positions	Male to 2 Female
3	RHT-605-4081-03
4	RHT-605-4081-04
5	RHT-605-4081-05
6	RHT-605-4081-06
8	RHT-605-4081-08

Wiring Diagram



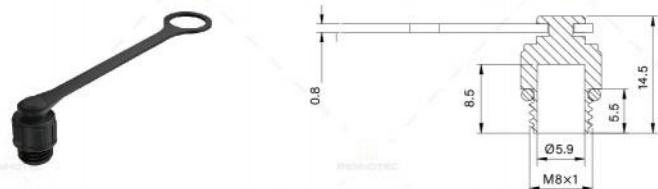
M8 Dust Cap for Male Connector, with Chain, Plastic



Specification

Body material	PVC
Chain material	TPU
Seal	NBR, Black
Ordering No	RHT-700-0430

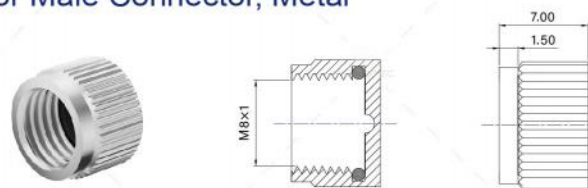
M8 Dust Cap for Female Connector, with Chain, Plastic



Specification

Body material	PVC
Chain material	TPU
Seal	NBR, Black
Ordering No	RHT-700-0431

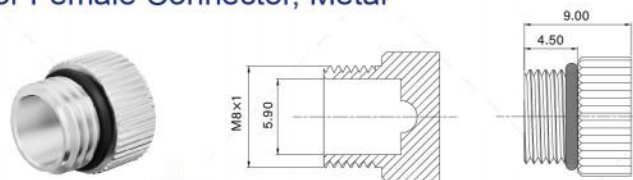
M8 Dust Cap for Male Connector, Metal



Specification

Body material	Brass, Nickel Plated
Seal	NBR, Black
Ordering No	RHT-700-0086

M8 Dust Cap for Female Connector, Metal



Specification

Body material	Brass, Nickel Plated
Seal	NBR, Black
Ordering No	RHT-700-0085



M9 Series

- Compliance with IEC61076 standard.
- Protection degree: IP65(Mated), IP67(Mated).
- 360° EMC shielded version available.
- Pin configurations: 2, 3, 4, 5, 6, 7, 8 positions.
- Cable length, material and colours can be customized.

M9 Field Assembly Connector, Solder Cup, Straight



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CE RoHS

Specification

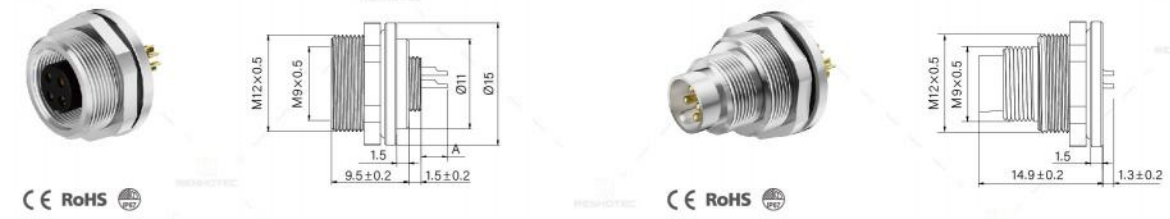
Number of positions	2	3	4	5	6	7	8
Insert arrangement (Female)							
Insert arrangement (Male)							

Rated current	4A	4A	3A	3A	1A	1A	1A
Rated voltage	125V	125V	125V	125V	125V	125V	125V
Wire gauge	24AWG 0.25mm ²			26AWG 0.14mm ²			
Insulation resistance	≥100MΩ						
Contact resistance	≤3mΩ						
Temperature range	-25°C ~ +80°C						
Protection rating	IP67 (Mated)						
Body material	Brass, Nickel Plated						
Screw nut material	Brass, Nickel Plated						
Insulation material	PA66+GF						
Contact termination	Solder Cup						
Contact material	Brass, Gold Plated						
Seal	Silica gel						
Shielding	Shielded						
Mating cycles	≥500						

Part Number

Number of positions	Female	Male
2	RHT-634-3177-02	RHT-634-3141-02
3	RHT-634-3177-03	RHT-634-3141-03
4	RHT-634-3177-04	RHT-634-3141-04
5	RHT-634-3177-05	RHT-634-3141-05
6	RHT-634-3177-06	RHT-634-3141-06
7	RHT-634-3177-07	RHT-634-3141-07
8	RHT-634-3177-08	RHT-634-3141-08

M9 Panel Mount Receptacle, Front Fastened, Solder Cup, Straight



CE RoHS

CE RoHS

Specification

Number of positions	2	3	4	5	6	7	8
Insert arrangement (Female)							
Insert arrangement (Male)							

Rated current	4A	4A	3A	3A	1A	1A	1A
Rated voltage	125V	125V	125V	125V	125V	125V	125V
Wire gauge	24AWG 0.25mm ²			26AWG 0.14mm ²			
Insulation resistance	≥100MΩ						
Contact resistance	≤3mΩ						
Temperature range	-25°C ~ +80°C						
Protection rating	IP67 (Mated)						
Body material	Brass, Nickel Plated						
Insulation material	PA66+GF						
Contact termination	Solder Cup						
Contact material	Brass						
Contact finish	Gold						
Seal	NBR, Black						
Shielding	Unshielded						
Mating cycles	≥500						

Part Number

Number of positions	Female	Male
2	RHT-634-3178-02	RHT-634-3257-02
3	RHT-634-3178-03	RHT-634-3257-03
4	RHT-634-3178-04	RHT-634-3257-04
5	RHT-634-3178-05	RHT-634-3257-05
6	RHT-634-3178-06	RHT-634-3257-06
7	RHT-634-3178-07	RHT-634-3257-07
8	RHT-634-3178-08	RHT-634-3257-08

M9 Panel Mount Receptacle, Rear Fastened, Solder Cup, Straight



Specification

Number of positions	2	3	4	5	6	7	8
Insert arrangement (Female)							
Insert arrangement (Male)							
Rated current	4A	4A	3A	3A	1A	1A	1A
Rated voltage	125V	125V	125V	125V	125V	125V	125V
Wire gauge	24AWG 0.25mm ²			26AWG 0.14mm ²			
Insulation resistance	≥100MΩ						
Contact resistance	≤3mΩ						
Temperature range	-25°C ~ +80°C						
Protection rating	IP67(Mated)						
Body material	Brass, Nickel Plated						
Insulation material	PA66+GF						
Contact termination	Solder Cup						
Contact material	Brass						
Contact finish	Gold						
Seal	NBR, Black						
Shielding	Unshielded						
Mating cycles	≥500						

Part Number

Number of positions	Female	Male
2	RHT-634-3179-02	RHT-634-3256-02
3	RHT-634-3179-03	RHT-634-3256-03
4	RHT-634-3179-04	RHT-634-3256-04
5	RHT-634-3179-05	RHT-634-3256-05
6	RHT-634-3179-06	RHT-634-3256-06
7	RHT-634-3179-07	RHT-634-3256-07
8	RHT-634-3179-08	RHT-634-3256-08

M9 Panel Mount Receptacle, Front Fastened, PCB Type, Straight



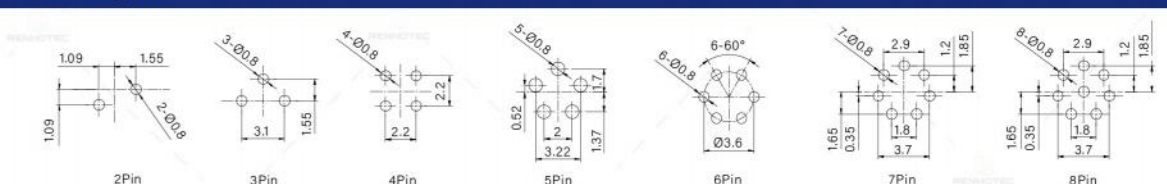
Specification

Number of positions	2	3	4	5	6	7	8
Insert arrangement (Female)							
Insert arrangement (Male)							
Rated current	4A	4A	3A	3A	1A	1A	1A
Rated voltage	125V	125V	125V	125V	125V	125V	125V
Insulation resistance	≥100MΩ						
Contact resistance	≤3mΩ						
Temperature range	-25°C ~ +80°C						
Protection rating	IP67(Mated)						
Body material	Brass, Nickel Plated						
Insulation material	PA66+GF						
Contact termination	PCB Solder						
Contact material	Brass						
Contact finish	Gold						
Seal	NBR, Black						
Shielding	Unshielded						
Mating cycles	≥500						

Part Number

Number of positions	Female	Male
2	RHT-634-3259-02	RHT-634-3258-02
3	RHT-634-3259-03	RHT-634-3258-03
4	RHT-634-3259-04	RHT-634-3258-04
5	RHT-634-3259-05	RHT-634-3258-05
6	RHT-634-3259-06	RHT-634-3258-06
7	RHT-634-3259-07	RHT-634-3258-07
8	RHT-634-3259-08	RHT-634-3258-08

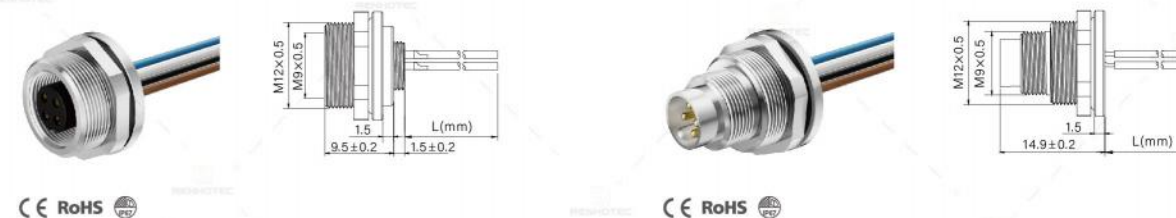
PCB Layout



M9 Wiring

Female Contact	Wiring Colours and Sequences	Male Contact																		
	<table border="1"> <tr><th>Contacts</th><th>Wire Colours</th></tr> <tr><td>1</td><td>BN</td></tr> <tr><td>2</td><td>BU</td></tr> </table>	Contacts	Wire Colours	1	BN	2	BU													
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2	BU																			
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Contacts	Wire Colours																			
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Contacts	Wire Colours																			
1	WH																			
2	BN																			
3	GN																			
4	YE																			
5	GY																			
6	PK																			
7	BU																			
8	RD																			

M9 Panel Mount Receptacle with Wires, Front Fastened, Straight



CE RoHS

CE RoHS

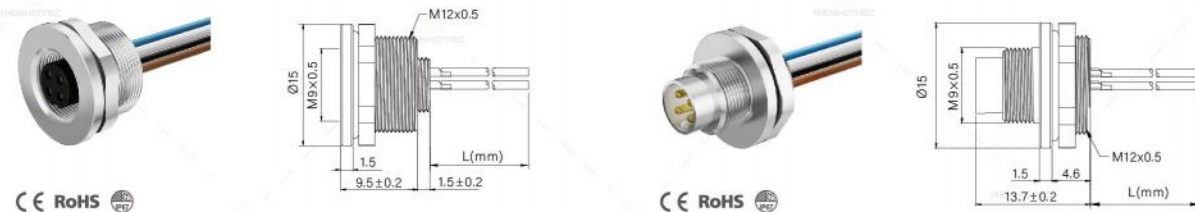
Specification

Number of positions	2	3	4	5	6	7	8
Insert arrangement (Female)							
Insert arrangement (Male)							
Rated current	4A	4A	3A	3A	1A	1A	1A
Rated voltage	125V	125V	125V	125V	125V	125V	125V
Wire gauge	24AWG 0.25mm ²				26AWG 0.14mm ²		
Insulation resistance	≥100MΩ						
Contact resistance	≤3mΩ						
Temperature range	-25 C ~ +80 C						
Protection rating	IP67 (Mated)						
Body material	Brass, Nickel Plated						
Insulation material	PA66+GF						
Contact termination	Solder Cup						
Contact material	Brass						
Contact finish	Gold						
Wire material	PVC						
Seal	NBR, Black						
Shielding	Unshielded						
Mating cycles	≥500						

Part Number

Number of positions	Wire Length	Female	Male
2	0.3m	RHT-634-3178-02-030	RHT-634-3257-02-030
	Customized	RHT-634-3178-02-XXX	RHT-634-3257-02-XXX
3	0.3m	RHT-634-3178-03-030	RHT-634-3257-03-030
	Customized	RHT-634-3178-03-XXX	RHT-634-3257-03-XXX
4	0.3m	RHT-634-3178-04-030	RHT-634-3257-04-030
	Customized	RHT-634-3178-04-XXX	RHT-634-3257-04-XXX
5	0.3m	RHT-634-3178-05-030	RHT-634-3257-05-030
	Customized	RHT-634-3178-05-XXX	RHT-634-3257-05-XXX
6	0.3m	RHT-634-3178-06-030	RHT-634-3257-06-030
	Customized	RHT-634-3178-06-XXX	RHT-634-3257-06-XXX
7	0.3m	RHT-634-3178-07-030	RHT-634-3257-07-030
	Customized	RHT-634-3178-07-XXX	RHT-634-3257-07-XXX
8	0.3m	RHT-634-3178-08-030	RHT-634-3257-08-030
	Customized	RHT-634-3178-08-XXX	RHT-634-3257-08-XXX

M9 Panel Mount Receptacle with Wires, Rear Fastened, Straight



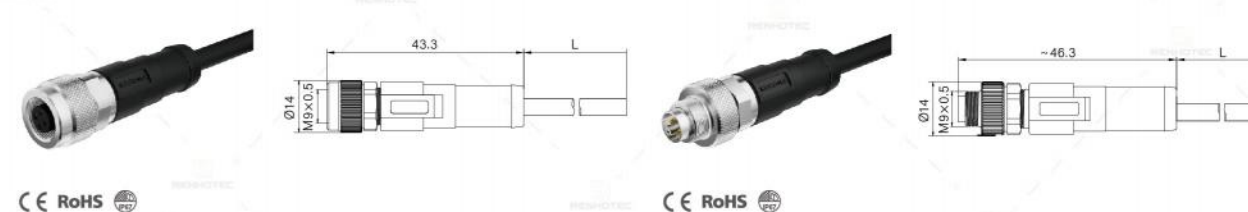
Specification

Number of positions	2	3	4	5	6	7	8
Insert arrangement (Female)							
Insert arrangement (Male)							
Rated current	4A	4A	3A	3A	1A	1A	1A
Rated voltage	125V	125V	125V	125V	125V	125V	125V
Wire gauge	24AWG 0.25mm ²			26AWG 0.14mm ²			
Insulation resistance	≥100MΩ						
Contact resistance	≤3mΩ						
Temperature range	-25 C ~ +80 C						
Protection rating	IP67(Mated)						
Body material	Brass, Nickel Plated						
Insulation material	PA66+GF						
Contact termination	Solder Cup						
Contact material	Brass						
Contact finish	Gold						
Wire material	PVC						
Seal	NBR, Black						
Shielding	Unshielded						
Mating cycles	≥500						

Part Number

Number of positions	Wire Length	Female	Male
2	0.3m	RHT-634-3179-02-030	RHT-634-3256-02-030
	Customized	RHT-634-3179-02-XXX	RHT-634-3256-02-XXX
3	0.3m	RHT-634-3179-03-030	RHT-634-3256-03-030
	Customized	RHT-634-3179-03-XXX	RHT-634-3256-03-XXX
4	0.3m	RHT-634-3179-04-030	RHT-634-3256-04-030
	Customized	RHT-634-3179-04-XXX	RHT-634-3256-04-XXX
5	0.3m	RHT-634-3179-05-030	RHT-634-3256-05-030
	Customized	RHT-634-3179-05-XXX	RHT-634-3256-05-XXX
6	0.3m	RHT-634-3179-06-030	RHT-634-3256-06-030
	Customized	RHT-634-3179-06-XXX	RHT-634-3256-06-XXX
7	0.3m	RHT-634-3179-07-030	RHT-634-3256-07-030
	Customized	RHT-634-3179-07-XXX	RHT-634-3256-07-XXX
8	0.3m	RHT-634-3179-08-030	RHT-634-3256-08-030
	Customized	RHT-634-3179-08-XXX	RHT-634-3256-08-XXX

M9 Single-ended Cable, Straight



Specification

Number of positions	2	3	4	5	6	7	8
Insert arrangement (Female)							
Insert arrangement (Male)							
Rated current	4A	4A	3A	3A	1A	1A	1A
Rated voltage	125V	125V	125V	125V	125V	125V	125V
Wire gauge	24AWG 0.25mm ²			26AWG 0.14mm ²			
Insulation resistance	≥100MΩ						
Contact resistance	≤3mΩ						
Temperature range	-25 C ~ +80 C						
Protection rating	IP67(Mated)						
Over-molding material	PVC/TPU						
Screw nut material	Brass, Nickel Plated						
Insulation material	PA66+GF						
Contact termination	Solder Cup						
Contact material	Brass, Gold Plated						
Cable material	PVC/PUR/Customized						
Cable Colour	Black/Customized						
Seal	NBR, Black						
Shielding	Unshielded/Shielded						

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
2	1m	M9002-02-C-100	M9002-02-R-100	M9001-02-C-100	M9001-02-R-100
	Customized	M9002-02-C-XXX	M9002-02-R-XXX	M9001-02-C-XXX	M9001-02-R-XXX
3	1m	M9002-03-C-100	M9002-03-R-100	M9001-03-C-100	M9001-03-R-100
	Customized	M9002-03-C-XXX	M9002-03-R-XXX	M9001-03-C-XXX	M9001-03-R-XXX
4	1m	M9002-04-C-100	M9002-04-R-100	M9001-04-C-100	M9001-04-R-100
	Customized	M9002-04-C-XXX	M9002-04-R-XXX	M9001-04-C-XXX	M9001-04-R-XXX
5	1m	M9002-05-C-100	M9002-05-R-100	M9001-05-C-100	M9001-05-R-100
	Customized	M9002-05-C-XXX	M9002-05-R-XXX	M9001-05-C-XXX	M9001-05-R-XXX
6	1m	M9002-06-C-100	M9002-06-R-100	M9001-06-C-100	M9001-06-R-100
	Customized	M9002-06-C-XXX	M9002-06-R-XXX	M9001-06-C-XXX	M9001-06-R-XXX
7	1m	M9002-07-C-100	M9002-07-R-100	M9001-07-C-100	M9001-07-R-100
	Customized	M9002-07-C-XXX	M9002-07-R-XXX	M9001-07-C-XXX	M9001-07-R-XXX
8	1m	M9002-08-C-100	M9002-08-R-100	M9001-08-C-100	M9001-08-R-100
	Customized	M9002-08-C-XXX	M9002-08-R-XXX	M9001-08-C-XXX	M9001-08-R-XXX

M9 Single-ended Cable, Angled



CE RoHS

CE RoHS

Specification

Number of positions	2	3	4	5	6	7	8
Insert arrangement (Female)							
Insert arrangement (Male)							

Rated current	4A	4A	3A	3A	1A	1A	1A
Rated voltage	125V	125V	125V	125V	125V	125V	125V
Wire gauge	24AWG 0.25mm ²				26AWG 0.14mm ²		
Insulation resistance	≥100MΩ						
Contact resistance	≤3mΩ						
Temperature range	-25 C ~ +80 C						
Protection rating	IP67 (Mated)						
Over-molding material	PVC/TPU						
Screw nut material	Brass, Nickel Plated						
Insulation material	PA66+GF						
Contact termination	Solder Cup						
Contact material	Brass, Gold Plated						
Cable material	PVC/PUR/Customized						
Cable Colour	Black/Customized						
Seal	NBR, Black						
Shielding	Unshielded/Shielded						

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
2	1m	M9004-02-C-100	M9004-02-R-100	M9003-02-C-100	M9003-02-R-100
	Customized	M9004-02-C-XXX	M9004-02-R-XXX	M9003-02-C-XXX	M9003-02-R-XXX
3	1m	M9004-03-C-100	M9004-03-R-100	M9003-03-C-100	M9003-03-R-100
	Customized	M9004-03-C-XXX	M9004-03-R-XXX	M9003-03-C-XXX	M9003-03-R-XXX
4	1m	M9004-04-C-100	M9004-04-R-100	M9003-04-C-100	M9003-04-R-100
	Customized	M9004-04-C-XXX	M9004-04-R-XXX	M9003-04-C-XXX	M9003-04-R-XXX
5	1m	M9004-05-C-100	M9004-05-R-100	M9003-05-C-100	M9003-05-R-100
	Customized	M9004-05-C-XXX	M9004-05-R-XXX	M9003-05-C-XXX	M9003-05-R-XXX
6	1m	M9004-06-C-100	M9004-06-R-100	M9003-06-C-100	M9003-06-R-100
	Customized	M9004-06-C-XXX	M9004-06-R-XXX	M9003-06-C-XXX	M9003-06-R-XXX
7	1m	M9004-07-C-100	M9004-07-R-100	M9003-07-C-100	M9003-07-R-100
	Customized	M9004-07-C-XXX	M9004-07-R-XXX	M9003-07-C-XXX	M9003-07-R-XXX
8	1m	M9004-08-C-100	M9004-08-R-100	M9003-08-C-100	M9003-08-R-100
	Customized	M9004-08-C-XXX	M9004-08-R-XXX	M9003-08-C-XXX	M9003-08-R-XXX



M12 Series

- Compliance with IEC61076 standard.
- Protection degree: IP65(Mated), IP67(Mated).
- Multiple coded available: A, B, D, X, S, T, K, L, M coded.
- Pin configurations: 2, 3, 4, 5, 6, 8, 12, 17 positions.
- Cable length, material and colours can be customized.

M12 Series

A Code B Code D Code

Product Features

- Compliance with IEC61076 standard.
- Protection degree: IP65(Mated), IP67(Mated).
- 360° EMC shielded version available.
- Pin configurations: 2, 3, 4, 5, 6, 8, 12, 17 positions.
- Cable length, material and Colours can be customized.



M12 A B D Code General Specifications

Pins	Rated current	Rated voltage		Wire gauge		Female Contact			Male Contact		
		AC	D/C	AWG	mm ²	A-Code	B-Code	D-Code	A-Code	B-Code	D-Code
2	4A	250V	250V	22	0.34						
3	4A	250V	250V	22	0.34						
4	4A	250V	250V	22	0.34						
5	4A	60V	60V	22	0.34						
6	2A	30V	30V	24	0.25						
8	2A	30V	30V	24	0.25						
12	1.5A	30V	30V	26	0.14						
17	1.5A	30V	30V	26	0.14						

M12 Field Assembly Connector, Screw Termination, Straight

M12 Field Assembly Connector, Solder Cup, Straight



CE RoHS

CE RoHS

CE RoHS

CE RoHS

Specification

Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V			60V		
Wire gauge	22AWG/0.34mm ²					
Number of positions	6	8				
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	2A					
Rated voltage	30V					
Wire gauge	24AWG/0.25mm ²					
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25 C ~ +80 C					
Protection rating	IP67(Mated)					
Body material	PA66					
Screw nut material	Brass, Nickel Plated					
Insulation material	PA66+GF					
Contact termination	Screw Termination					
Contact material	Brass, Gold Plated					
Seal	NBR, Black					
Shielding	Unshielded					
Mating cycles	≥500					

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V			60V		
Wire gauge	22AWG/0.34mm ²					
Number of positions	6	8	12	17		
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	2A			1.5A		
Rated voltage	30V					
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²		
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25 C ~ +80 C					
Protection rating	IP67(Mated)					
Body material	PA66					
Screw nut material	Brass, Nickel Plated					
Insulation material	PA66+GF					
Contact termination	Solder Cup					
Contact material	Brass, Gold Plated					
Seal	NBR, Black					
Shielding	Unshielded					
Mating cycles	≥500					

Part Number

Part Number

Number of positions	Female	Male
2	RHT-634-3371-02-PG7/PG9	RHT-634-3370-02-PG7/PG9
3	RHT-634-3371-03-PG7/PG9	RHT-634-3370-03-PG7/PG9
4	RHT-634-3371-04-PG7/PG9	RHT-634-3370-04-PG7/PG9
4D	RHT-634-3371-4D-PG7/PG9	RHT-634-3370-4D-PG7/PG9
5	RHT-634-3371-05-PG7/PG9	RHT-634-3370-05-PG7/PG9
5B	RHT-634-3371-5B-PG7/PG9	RHT-634-3370-5B-PG7/PG9
6	RHT-634-3371-06-PG7/PG9	RHT-634-3370-06-PG7/PG9
8	RHT-634-3371-08-PG7/PG9	RHT-634-3370-08-PG7/PG9

Number of positions	Female	Male
2	RHT-634-3223-02	RHT-634-3091-02
3	RHT-634-3223-03	RHT-634-3091-03
4	RHT-634-3223-04	RHT-634-3091-04
4D	RHT-634-3223-4D	RHT-634-3091-4D
5	RHT-634-3223-05	RHT-634-3091-05
5B	RHT-634-3223-5B	RHT-634-3091-5B
6	RHT-634-3223-06	RHT-634-3091-06
8	RHT-634-3223-08	RHT-634-3091-08
12	RHT-634-3223-12	RHT-634-3091-12
17	RHT-634-3223-17	RHT-634-3091-17

M12 Field Assembly Connector, Screw Termination, Angled

M12 Field Assembly Connector, Screw Termination, Straight



Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					60V
Rated voltage	250V					60V
Wire gauge	22AWG/0.34mm ²					

Number of positions	6	8
Insert arrangement (Female)		
Insert arrangement (Male)		

Rated current	2A
Rated voltage	30V
Wire gauge	24AWG/0.25mm ²
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67 (Mated)
Body material	PA66
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Screw Termination
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

Number of positions	Female	Male
2	RHT-634-3373-02-PG7/PG9	RHT-634-3372-02-PG7/PG9
3	RHT-634-3373-03-PG7/PG9	RHT-634-3372-03-PG7/PG9
4	RHT-634-3373-04-PG7/PG9	RHT-634-3372-04-PG7/PG9
4D	RHT-634-3373-4D-PG7/PG9	RHT-634-3372-4D-PG7/PG9
5	RHT-634-3373-05-PG7/PG9	RHT-634-3372-05-PG7/PG9
5B	RHT-634-3373-5B-PG7/PG9	RHT-634-3372-5B-PG7/PG9
6	RHT-634-3373-06-PG7/PG9	RHT-634-3372-06-PG7/PG9
8	RHT-634-3373-08-PG7/PG9	RHT-634-3372-08-PG7/PG9

Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					60V
Rated voltage	250V					60V
Wire gauge	22AWG/0.34mm ²					

Number of positions	6	8
Insert arrangement (Female)		
Insert arrangement (Male)		

Rated current	2A
Rated voltage	30V
Wire gauge	24AWG/0.25mm ²
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67 (Mated)
Body material	Zinc, Nickel Plated
Screw nut material	Brass, Nickel Plated
Insulation material	TPU
Contact termination	Screw Termination
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

Part Number

Number of positions	Female	Male
2	RHT-634-3325-02	RHT-634-3324-02
3	RHT-634-3325-03	RHT-634-3324-03
4	RHT-634-3325-04	RHT-634-3324-04
4D	RHT-634-3325-4D	RHT-634-3324-4D
5	RHT-634-3325-05	RHT-634-3324-05
5B	RHT-634-3325-5B	RHT-634-3324-5B
6	RHT-634-3325-06	RHT-634-3324-06
8	RHT-634-3325-08	RHT-634-3324-08

M12 Field Assembly Connector, Solder Cup, Straight

M12 Field Assembly Connector, Crimp, Straight



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Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					60V
Rated voltage	250V					60V
Wire gauge	22AWG/0.34mm ²					

Number of positions	6	8	12
Insert arrangement (Female)			
Insert arrangement (Male)			

Rated current	2A	1.5A
Rated voltage	30V	
Wire gauge	24AWG/0.25mm ²	26AWG/0.14mm ²
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25 C ~ +80 C	
Protection rating	IP67(Mated)	
Body material	Zinc Alloy, Nickel Plated	
Screw nut material	Brass, Nickel Plated	
Insulation material	TPU	
Contact termination	Solder Cup	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Shielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
2	RHT-634-3292-02	RHT-634-3291-02
3	RHT-634-3292-03	RHT-634-3291-03
4	RHT-634-3292-04	RHT-634-3291-04
4D	RHT-634-3292-4D	RHT-634-3291-4D
5	RHT-634-3292-05	RHT-634-3291-05
5B	RHT-634-3292-5B	RHT-634-3291-5B
6	RHT-634-3292-06	RHT-634-3291-06
8	RHT-634-3292-08	RHT-634-3291-08
12	RHT-634-3292-12	RHT-634-3291-12

Specification

Number of positions	3	4	4D	5	5B
Insert arrangement (Female)					
Insert arrangement (Male)					
Rated current	4A				
Rated voltage	250V				
Wire gauge	22AWG/0.34mm ²				

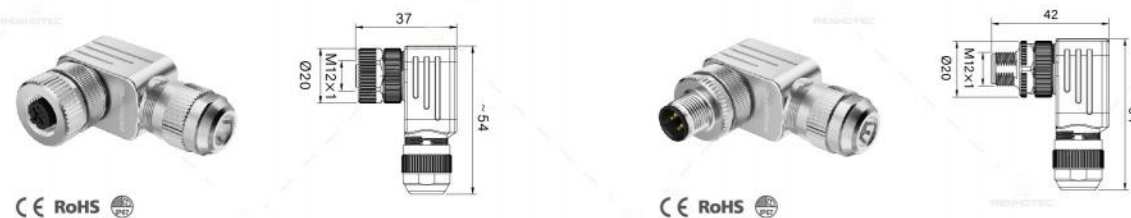
Number of positions	6	8	12
Insert arrangement (Female)			
Insert arrangement (Male)			

Rated current	2A	1.5A
Rated voltage	30V	
Wire gauge	24AWG/0.25mm ²	26AWG/0.14mm ²
Insulation resistance	≥100MΩ	
Contact resistance	≤10mΩ	
Temperature range	-25 C ~ +80 C	
Protection rating	IP67(Mated)	
Body material	Zinc Alloy, Nickel Plated	
Screw nut material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	Crimp	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Shielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
3	RHT-634-3221-03	RHT-634-3220-03
4	RHT-634-3221-04	RHT-634-3220-04
4D	RHT-634-3221-4D	RHT-634-3220-4D
5	RHT-634-3221-05	RHT-634-3220-05
5B	RHT-634-3221-5B	RHT-634-3220-5B
6	RHT-634-3221-06	RHT-634-3220-06
8	RHT-634-3221-08	RHT-634-3220-08
12	RHT-634-3221-12	RHT-634-3220-12

M12 Field Assembly Connector, Screw Termination, Angled



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Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V			60V		
Wire gauge	22AWG/0.34mm ²					
Number of positions	6	8				
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	2A					
Rated voltage	30V					
Wire gauge	24AWG/0.25mm ²					
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25°C ~ +80°C					
Protection rating	IP67(Mated)					
Body material	Zinc, Nickel Plated					
Screw nut material	Brass, Nickel Plated					
Insulation material	TPU					
Contact termination	Screw Termination					
Contact material	Brass, Gold Plated					
Seal	NBR, Black					
Shielding	Shielded					
Mating cycles	≥500					

Part Number

Number of positions	Female	Male
2	RHT-634-3327-02	RHT-634-3326-02
3	RHT-634-3327-03	RHT-634-3326-03
4	RHT-634-3327-04	RHT-634-3326-04
4D	RHT-634-3327-4D	RHT-634-3326-4D
5	RHT-634-3327-05	RHT-634-3326-05
5B	RHT-634-3327-5B	RHT-634-3326-5B
6	RHT-634-3327-06	RHT-634-3326-06
8	RHT-634-3327-08	RHT-634-3326-08

M12 Field Assembly Connector, Solder Cup, Angled



CE RoHS

CE RoHS

Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V			60V		
Wire gauge	22AWG/0.34mm ²					
Number of positions	6	8	12			
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	2A		1.5A			
Rated voltage	30V					
Wire gauge	24AWG/0.25mm ²		26AWG/0.14mm ²			
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25°C ~ +80°C					
Protection rating	IP67(Mated)					
Body material	Zinc Alloy, Nickel Plated					
Screw nut material	Brass, Nickel Plated					
Insulation material	TPU					
Contact termination	Solder Cup					
Contact material	Brass, Gold Plated					
Seal	NBR, Black					
Shielding	Shielded					
Mating cycles	≥500					

Part Number

Number of positions	Female	Male
2	RHT-634-3294-02	RHT-634-3293-02
3	RHT-634-3294-03	RHT-634-3293-03
4	RHT-634-3294-04	RHT-634-3293-04
4D	RHT-634-3294-4D	RHT-634-3293-4D
5	RHT-634-3294-05	RHT-634-3293-05
5B	RHT-634-3294-5B	RHT-634-3293-5B
6	RHT-634-3294-06	RHT-634-3293-06
8	RHT-634-3294-08	RHT-634-3293-08
12	RHT-634-3294-12	RHT-634-3293-12

M12 Panel Mount Receptacle, Front Fastened, Solder Cup, Straight



Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V			60V		
Wire gauge	22AWG/0.34mm ²					

Number of positions	6	8	12	17
Insert arrangement (Female)				
Insert arrangement (Male)				

Rated current	2A	1.5A
Rated voltage	30V	
Wire gauge	24AWG/0.25mm ²	26AWG/0.14mm ²
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25 C ~ +80 C	
Protection rating	IP67(Mated)	
Body material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	Solder Cup	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
2	RHT-634-1390-02	RHT-634-1322-02
3	RHT-634-1390-03	RHT-634-1322-03
4	RHT-634-1390-04	RHT-634-1322-04
4D	RHT-634-1390-4D	RHT-634-1322-4D
5	RHT-634-1390-05	RHT-634-1322-05
5B	RHT-634-1390-5B	RHT-634-1322-5B
6	RHT-634-1390-06	RHT-634-1322-06
8	RHT-634-1390-08	RHT-634-1322-08
12	RHT-634-1390-12	RHT-634-1322-12
17	RHT-634-1390-17	RHT-634-1322-17

M12 Panel Mount Receptacle, Rear Fastened, Solder Cup, Straight



Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V			60V		
Wire gauge	22AWG/0.34mm ²					

Number of positions	6	8	12	17
Insert arrangement (Female)				
Insert arrangement (Male)				

Rated current	2A	1.5A
Rated voltage	30V	
Wire gauge	24AWG/0.25mm ²	26AWG/0.14mm ²
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25 C ~ +80 C	
Protection rating	IP67(Mated)	
Body material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	Solder Cup	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
2	RHT-634-1422-02	RHT-634-1386-02
3	RHT-634-1422-03	RHT-634-1386-03
4	RHT-634-1422-04	RHT-634-1386-04
4D	RHT-634-1422-4D	RHT-634-1386-4D
5	RHT-634-1422-05	RHT-634-1386-05
5B	RHT-634-1422-5B	RHT-634-1386-5B
6	RHT-634-1422-06	RHT-634-1386-06
8	RHT-634-1422-08	RHT-634-1386-08
12	RHT-634-1422-12	RHT-634-1386-12
17	RHT-634-1422-17	RHT-634-1386-17

M12 Panel Mount Receptacle, Front Fastened, PCB Type, Straight

M12 Panel Mount Receptacle, Rear Fastened, PCB Type, Straight



Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					60V
Rated voltage	250V					60V

Number of positions	6	8	12	17
Insert arrangement (Female)				
Insert arrangement (Male)				

Rated current	2A	1.5A
Rated voltage	30V	
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25 C ~ +80 C	
Protection rating	IP67(Mated)	
Body material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	PCB Solder	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
2	RHT-634-1355-02	RHT-634-1314-02
3	RHT-634-1355-03	RHT-634-1314-03
4	RHT-634-1355-04	RHT-634-1314-04
4D	RHT-634-1355-4D	RHT-634-1314-4D
5	RHT-634-1355-05	RHT-634-1314-05
5B	RHT-634-1355-5B	RHT-634-1314-5B
6	RHT-634-1355-06	RHT-634-1314-06
8	RHT-634-1355-08	RHT-634-1314-08
12	RHT-634-1355-12	RHT-634-1314-12
17	RHT-634-1355-17	RHT-634-1314-17

Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					60V
Rated voltage	250V					60V

Number of positions	6	8	12	17
Insert arrangement (Female)				
Insert arrangement (Male)				

Rated current	2A	1.5A
Rated voltage	30V	
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25 C ~ +80 C	
Protection rating	IP67(Mated)	
Body material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	PCB Solder	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
2	RHT-634-1337-02	RHT-634-1306-02
3	RHT-634-1337-03	RHT-634-1306-03
4	RHT-634-1337-04	RHT-634-1306-04
4D	RHT-634-1337-4D	RHT-634-1306-4D
5	RHT-634-1337-05	RHT-634-1306-05
5B	RHT-634-1337-5B	RHT-634-1306-5B
6	RHT-634-1337-06	RHT-634-1306-06
8	RHT-634-1337-08	RHT-634-1306-08
12	RHT-634-1337-12	RHT-634-1306-12
17	RHT-634-1337-17	RHT-634-1306-17

M12 Panel Mount Receptacle, Front Fastened, Solder Cup, Straight



Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V			60V		
Wire gauge	22AWG/0.34mm ²					
Number of positions	6	8	12	17		
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	2A			1.5A		
Rated voltage	30V					
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²		
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25 C ~ +80 C					
Protection rating	IP67(Mated)					
Body material	Brass, Nickel Plated					
Insulation material	PA66+GF					
Contact termination	Solder Cup					
Contact material	Brass, Gold Plated					
Seal	NBR, Black					
Shielding	Unshielded					
Mating cycles	≥500					

Part Number

Number of positions	Male
2	RHT-634-3423-02
3	RHT-634-3423-03
4	RHT-634-3423-04
4D	RHT-634-3423-4D
5	RHT-634-3423-05
5B	RHT-634-3423-5B
6	RHT-634-3423-06
8	RHT-634-3423-08
12	RHT-634-3423-12
17	RHT-634-3423-17

M12 Panel Mount Receptacle, Rear Fastened, Solder Cup, Straight



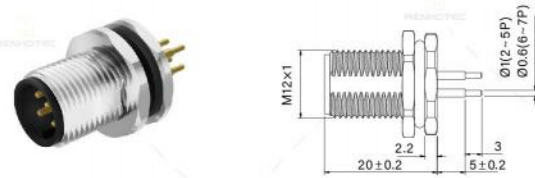
Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V			60V		
Wire gauge	22AWG/0.34mm ²					
Number of positions	6	8	12	17		
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	2A			1.5A		
Rated voltage	30V					
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²		
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25 C ~ +80 C					
Protection rating	IP67(Mated)					
Body material	Brass, Nickel Plated					
Insulation material	PA66+GF					
Contact termination	Solder Cup					
Contact material	Brass, Gold Plated					
Seal	NBR, Black					
Shielding	Unshielded					
Mating cycles	≥500					

Part Number

Number of positions	Female	Male
2	RHT-634-3245-02	RHT-634-3189-02
3	RHT-634-3245-03	RHT-634-3189-03
4	RHT-634-3245-04	RHT-634-3189-04
4D	RHT-634-3245-4D	RHT-634-3189-4D
5	RHT-634-3245-05	RHT-634-3189-05
5B	RHT-634-3245-5B	RHT-634-3189-5B
6	RHT-634-3245-06	RHT-634-3189-06
8	RHT-634-3245-08	RHT-634-3189-08
12	RHT-634-3245-12	RHT-634-3189-12
17	RHT-634-3245-17	RHT-634-3189-17

M12 Panel Mount Receptacle, Front Fastened, PCB Type, Straight



Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V			60V		

Number of positions	6	8	12
Insert arrangement (Female)			
Insert arrangement (Male)			

Rated current	2A	1.5A
Rated voltage	30V	
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25 C ~ +80 C	
Protection rating	IP67(Mated)	
Body material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	PCB Solder	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Male
2	RHT-634-3154-02
3	RHT-634-3154-03
4	RHT-634-3154-04
4D	RHT-634-3154-4D
5	RHT-634-3154-05
5B	RHT-634-3154-5B
6	RHT-634-3154-06
8	RHT-634-3154-08
12	RHT-634-3154-12

M12 Panel Mount Receptacle, Flange Fastened, Solder Cup, Straight



Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V			60V		
Wire gauge	22AWG/0.34mm²					

Number of positions	6	8	12	17
Insert arrangement (Female)				
Insert arrangement (Male)				

Rated current	2A	1.5A
Rated voltage	30V	
Wire gauge	24AWG/0.25mm²	26AWG/0.14mm²
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25 C ~ +80 C	
Protection rating	IP67(Mated)	
Body material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	Solder Cup	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
2	RHT-634-1423-02	RHT-634-1185-02
3	RHT-634-1423-03	RHT-634-1185-03
4	RHT-634-1423-04	RHT-634-1185-04
4D	RHT-634-1423-4D	RHT-634-1185-4D
5	RHT-634-1423-05	RHT-634-1185-05
5B	RHT-634-1423-5B	RHT-634-1185-5B
6	RHT-634-1423-06	RHT-634-1185-06
8	RHT-634-1423-08	RHT-634-1185-08
12	RHT-634-1423-12	RHT-634-1185-12
17	RHT-634-1423-17	RHT-634-1185-17

M12 Panel Mount Receptacle, Front Fastened, Solder Cup, Straight, M16x1.5



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Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V					60V
Wire gauge	22AWG/0.34mm ²					

Number of positions	6	8	12	17
Insert arrangement (Female)				
Insert arrangement (Male)				

Rated current	2A	1.5A
Rated voltage	30V	
Wire gauge	24AWG/0.25mm ²	26AWG/0.14mm ²
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25 C ~ +80 C	
Protection rating	IP67(Mated)	
Body material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	Solder Cup	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
2	RHT-634-3065-02	RHT-634-3064-02
3	RHT-634-3065-03	RHT-634-3064-03
4	RHT-634-3065-04	RHT-634-3064-04
4D	RHT-634-3065-4D	RHT-634-3064-4D
5	RHT-634-3065-05	RHT-634-3064-05
5B	RHT-634-3065-5B	RHT-634-3064-5B
6	RHT-634-3065-06	RHT-634-3064-06
8	RHT-634-3065-08	RHT-634-3064-08
12	RHT-634-3065-12	RHT-634-3064-12
17	RHT-634-3065-17	RHT-634-3064-17

M12 Panel Mount Receptacle, Rear Fastened, Solder Cup, Straight, M16x1.5



CE RoHS

CE RoHS

Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V					60V
Wire gauge	22AWG/0.34mm ²					

Number of positions	6	8	12	17
Insert arrangement (Female)				
Insert arrangement (Male)				

Rated current	2A	1.5A
Rated voltage	30V	
Wire gauge	24AWG/0.25mm ²	26AWG/0.14mm ²
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25 C ~ +80 C	
Protection rating	IP67(Mated)	
Body material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	Solder Cup	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
2	RHT-634-3067-02	RHT-634-3066-02
3	RHT-634-3067-03	RHT-634-3066-03
4	RHT-634-3067-04	RHT-634-3066-04
4D	RHT-634-3067-4D	RHT-634-3066-4D
5	RHT-634-3067-05	RHT-634-3066-05
5B	RHT-634-3067-5B	RHT-634-3066-5B
6	RHT-634-3067-06	RHT-634-3066-06
8	RHT-634-3067-08	RHT-634-3066-08
12	RHT-634-3067-12	RHT-634-3066-12
17	RHT-634-3067-17	RHT-634-3066-17

M12 Panel Mount Receptacle, Front Fastened, PCB Type, M16x1.5



Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V			60V		

Number of positions	6	8	12	17
Insert arrangement (Female)				
Insert arrangement (Male)				

Rated current	2A	1.5A
Rated voltage	30V	
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25 C ~ +80 C	
Protection rating	IP67(Mated)	
Body material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	PCB Solder	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
2	RHT-634-3069-02	RHT-634-3068-02
3	RHT-634-3069-03	RHT-634-3068-03
4	RHT-634-3069-04	RHT-634-3068-04
4D	RHT-634-3069-4D	RHT-634-3068-4D
5	RHT-634-3069-05	RHT-634-3068-05
5B	RHT-634-3069-5B	RHT-634-3068-5B
6	RHT-634-3069-06	RHT-634-3068-06
8	RHT-634-3069-08	RHT-634-3068-08
12	RHT-634-3069-12	RHT-634-3068-12
17	RHT-634-3069-17	RHT-634-3068-17

M12 Panel Mount Receptacle, Rear Fastened, PCB Type, Straight, M16x1.5



Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V			60V		

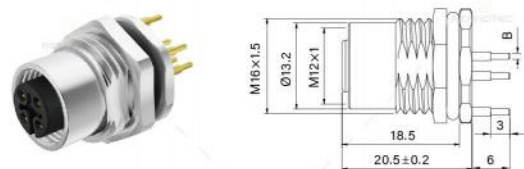
Number of positions	6	8	12	17
Insert arrangement (Female)				
Insert arrangement (Male)				

Rated current	2A	1.5A
Rated voltage	30V	
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25 C ~ +80 C	
Protection rating	IP67(Mated)	
Body material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	PCB Solder	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
2	RHT-634-3077-02	RHT-634-3076-02
3	RHT-634-3077-03	RHT-634-3076-03
4	RHT-634-3077-04	RHT-634-3076-04
4D	RHT-634-3077-4D	RHT-634-3076-4D
5	RHT-634-3077-05	RHT-634-3076-05
5B	RHT-634-3077-5B	RHT-634-3076-5B
6	RHT-634-3077-06	RHT-634-3076-06
8	RHT-634-3077-08	RHT-634-3076-08
12	RHT-634-3077-12	RHT-634-3076-12
17	RHT-634-3077-17	RHT-634-3076-17

M12 Panel Mount Receptacle, Front Fastened, PCB Type, with Ground Pin, M16x1.5



Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V					60V

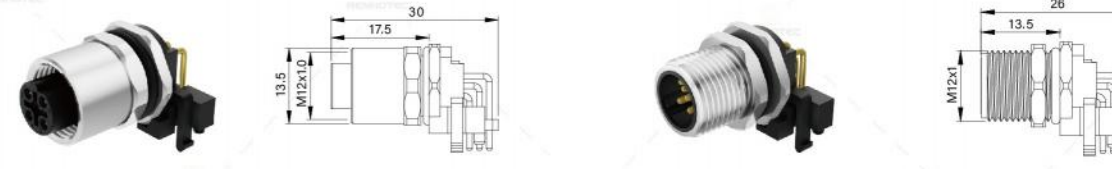
Number of positions	6	8	12	17
Insert arrangement (Female)				
Insert arrangement (Male)				

Rated current	2A	1.5A
Rated voltage	30V	
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25°C ~ +80°C	
Protection rating	IP67(Mated)	
Body material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	PCB Solder	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Shielded	
Mating cycles	≥500	

Part Number

Number of positions	Female
2	RHT-634-3224-02
3	RHT-634-3224-03
4	RHT-634-3224-04
4D	RHT-634-3224-4D
5	RHT-634-3224-05
5B	RHT-634-3224-5B
6	RHT-634-3224-06
8	RHT-634-3224-08
12	RHT-634-3224-12
17	RHT-634-3224-17

M12 Panel Mount Receptacle, Front Fastened, PCB Type, Angled



Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V					60V

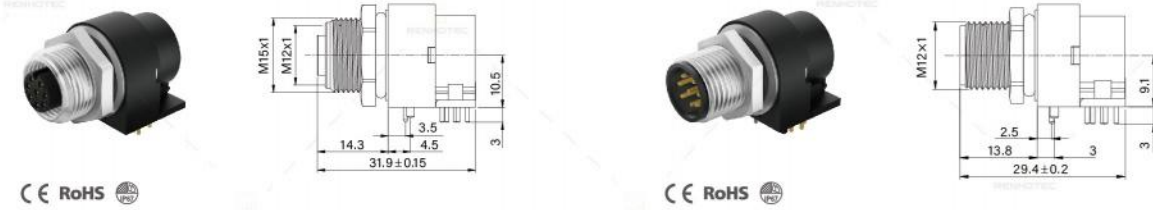
Number of positions	6	8	12
Insert arrangement (Female)			
Insert arrangement (Male)			

Rated current	2A	1.5A
Rated voltage	30V	
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25°C ~ +80°C	
Protection rating	IP67(Mated)	
Body material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact termination	PCB Solder	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
2	RHT-634-3392-02	RHT-634-3391-02
3	RHT-634-3392-03	RHT-634-3391-03
4	RHT-634-3392-04	RHT-634-3391-04
4D	RHT-634-3392-4D	RHT-634-3391-4D
5	RHT-634-3392-05	RHT-634-3391-05
5B	RHT-634-3392-5B	RHT-634-3391-5B
6	RHT-634-3392-06	RHT-634-3391-06
8	RHT-634-3392-08	RHT-634-3391-08
12	RHT-634-3392-12	RHT-634-3391-12

M12 Panel Mount Receptacle, Front Fastened, PCB Type, Angled



CE RoHS

CE RoHS

Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V			60V		

Number of positions	6	8	12	17
Insert arrangement (Female)				
Insert arrangement (Male)				

Rated current	2A	1.5A
Rated voltage	30V	
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25°C ~ +80°C	
Protection rating	IP67 (Mated)	
Body material	PA66+GF	
Insulation material	PA66+GF	
Contact termination	PCB Solder	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Shielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
2	RHT-634-3531-02	RHT-634-3530-02
3	RHT-634-3531-03	RHT-634-3530-03
4	RHT-634-3531-04	RHT-634-3530-04
4D	RHT-634-3531-4D	RHT-634-3530-4D
5	RHT-634-3531-05	RHT-634-3530-05
5B	RHT-634-3531-5B	RHT-634-3530-5B
6	RHT-634-3531-06	RHT-634-3530-06
8	RHT-634-3531-08	RHT-634-3530-08
12	RHT-634-3531-12	RHT-634-3530-12
17	RHT-634-3531-17	RHT-634-3530-17

M12 Panel Mount Receptacle, Front Fastened, PCB Type, Angled



CE RoHS

CE RoHS

Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V			60V		

Number of positions	6	8
Insert arrangement (Female)		
Insert arrangement (Male)		

Rated current	2A
Rated voltage	30V
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	PCB Solder
Contact material	Brass, Gold Plated
Seal	FKM
Shielding	Shielded
Mating cycles	≥500

Part Number

Number of positions	Female	Male
2	RHT-634-3266-02	RHT-634-3200-02
3	RHT-634-3266-03	RHT-634-3200-03
4	RHT-634-3266-04	RHT-634-3200-04
4D	RHT-634-3266-4D	RHT-634-3200-4D
5	RHT-634-3266-05	RHT-634-3200-05
5B	RHT-634-3266-5B	RHT-634-3200-5B
6	RHT-634-3266-06	RHT-634-3200-06
8	RHT-634-3266-08	RHT-634-3200-08

M12 Panel Mount Receptacle, Front Fastened, Solder Cup, Straight, M12x1, Plastic



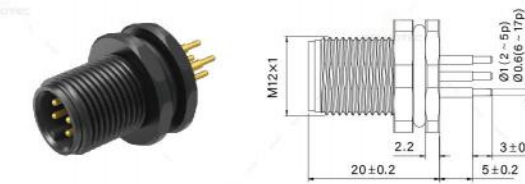
Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V			60V		
Wire gauge	22AWG/0.34mm ²					
Number of positions	6	8	12	17		
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	2A		1.5A			
Rated voltage	30V					
Wire gauge	24AWG/0.25mm ²		26AWG/0.14mm ²			
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25 C ~ +80 C					
Protection rating	IP67 (Mated)					
Body material	PA66+GF					
Insulation material	PA66+GF					
Contact termination	Solder Cup					
Contact material	Brass, Gold Plated					
Seal	NBR, Black					
Shielding	Unshielded					
Mating cycles	≥500					

Part Number

Number of positions	Male
2	RHT-634-3309-02
3	RHT-634-3309-03
4	RHT-634-3309-04
4D	RHT-634-3309-4D
5	RHT-634-3309-05
5B	RHT-634-3309-5B
6	RHT-634-3309-06
8	RHT-634-3309-08
12	RHT-634-3309-12
17	RHT-634-3309-17

M12 Panel Mount Receptacle, Front Fastened, PCB Type, Straight, M12x1, Plastic



Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V			60V		
Number of positions	6	8	12	17		
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	2A		1.5A			
Rated voltage	30V					
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25 C ~ +80 C					
Protection rating	IP67 (Mated)					
Body material	PA66+GF					
Insulation material	PA66+GF					
Contact termination	PCB Solder					
Contact material	Brass, Gold Plated					
Seal	NBR, Black					
Shielding	Unshielded					
Mating cycles	≥500					

Part Number

Number of positions	Male
2	RHT-634-3308-02
3	RHT-634-3308-03
4	RHT-634-3308-04
4D	RHT-634-3308-4D
5	RHT-634-3308-05
5B	RHT-634-3308-5B
6	RHT-634-3308-06
8	RHT-634-3308-08
12	RHT-634-3308-12
17	RHT-634-3308-17

M12 Panel Mount Receptacle, Rear Fastened, Solder Cup, Straight, M15x1, Plastic

M12 Panel Mount Receptacle, Front Fastened, PCB Type, M15x1, Plastic



Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V			60V		
Wire gauge	22AWG/0.34mm ²					

Number of positions	6	8	12	17
Insert arrangement (Female)				
Insert arrangement (Male)				

Rated current	2A	1.5A
Rated voltage	30V	
Wire gauge	24AWG/0.25mm ²	26AWG/0.14mm ²
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25 C ~ +80 C	
Protection rating	IP67(Mated)	
Body material	PA66+GF	
Insulation material	PA66+GF	
Contact termination	Solder Cup	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
2	RHT-634-3124-02	RHT-634-3255-02
3	RHT-634-3124-03	RHT-634-3255-03
4	RHT-634-3124-04	RHT-634-3255-04
4D	RHT-634-3124-4D	RHT-634-3255-4D
5	RHT-634-3124-05	RHT-634-3255-05
5B	RHT-634-3124-5B	RHT-634-3255-5B
6	RHT-634-3124-06	RHT-634-3255-06
8	RHT-634-3124-08	RHT-634-3255-08
12	RHT-634-3124-12	RHT-634-3255-12
17	RHT-634-3124-17	RHT-634-3255-17

Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V			60V		

Number of positions	6	8	12	17
Insert arrangement (Female)				
Insert arrangement (Male)				

Rated current	2A	1.5A
Rated voltage	30V	
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25 C ~ +80 C	
Protection rating	IP67(Mated)	
Body material	PA66+GF	
Insulation material	PA66+GF	
Contact termination	PCB Solder	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Female
2	RHT-634-3239-02
3	RHT-634-3239-03
4	RHT-634-3239-04
4D	RHT-634-3239-4D
5	RHT-634-3239-05
5B	RHT-634-3239-5B
6	RHT-634-3239-06
8	RHT-634-3239-08
12	RHT-634-3239-12
17	RHT-634-3239-17

M12 Panel Mount Receptacle, Front Fastened, PCB Type, Angled, Plastic



Specification

Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V					60V
Number of positions	6	8	12	17		
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	2A		1.5A			
Rated voltage	30V					
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25°C ~ +80°C					
Protection rating	IP67(Mated)					
Body material	PA66+GF					
Insulation material	PA66+GF					
Contact termination	PCB Solder					
Contact material	Brass, Gold Plated					
Seal	NBR, Black					
Shielding	Unshielded					
Mating cycles	≥500					

Part Number

Number of positions	Male
2	RHT-634-3515-02
3	RHT-634-3515-03
4	RHT-634-3515-04
4D	RHT-634-3515-4D
5	RHT-634-3515-05
5B	RHT-634-3515-5B
6	RHT-634-3515-06
8	RHT-634-3515-08
12	RHT-634-3515-12
17	RHT-634-3515-17

M12 Wiring

Female Contact	Rated current	Rated voltage	Wire gauge		Contacts	Wiring Colours and Sequences	Male Contact
			AWG	mm²		(2Pin)	
	4A	250V	22	0.34	1 3	BN BU	
	4A	250V	22	0.34	1 3 4	BN BU BK	
	4A	250V	22	0.34	1 2 3 4	BN WH BU BK	
	4A	60V	22	0.34	1 2 3 4 5	BN WH BU BK GY	
	2A	30V	24	0.25	1 2 3 4 6 7	BN WH BU BK GY PK	
	2A	30V	24	0.25	1 2 3 4 5 6 7 8	WH BN GN YE GY PK BU RD	
	1.5A	30V	26	0.14	1 2 3 4 5 6 7 8 9 10 11 12	BN BU WH GN PK YE BK GY RD VT GY/PK RD/BU	





















M12 Wiring

Female Contact	Wiring Colours and Sequences				Male Contact																																																				
	Rated current	Rated voltage	Wire gauge			Contacts	Wire Colours (17Pin)																																																		
			AWG	mm ²																																																					
	1.5A	30V	26	0.14		<table border="1"> <tr><td>1</td><td>BN</td><td></td></tr> <tr><td>2</td><td>BU</td><td></td></tr> <tr><td>3</td><td>WH</td><td></td></tr> <tr><td>4</td><td>GN</td><td></td></tr> <tr><td>5</td><td>PK</td><td></td></tr> <tr><td>6</td><td>YE</td><td></td></tr> <tr><td>7</td><td>BK</td><td></td></tr> <tr><td>8</td><td>GY</td><td></td></tr> <tr><td>9</td><td>RD</td><td></td></tr> <tr><td>10</td><td>VT</td><td></td></tr> <tr><td>11</td><td>OR</td><td></td></tr> <tr><td>12</td><td>LTGN</td><td></td></tr> <tr><td>13</td><td>LTBU</td><td></td></tr> <tr><td>14</td><td>BK/WH</td><td></td></tr> <tr><td>15</td><td>BN/WH</td><td></td></tr> <tr><td>16</td><td>RD/WH</td><td></td></tr> <tr><td>17</td><td>BU/WH</td><td></td></tr> </table>	1	BN		2	BU		3	WH		4	GN		5	PK		6	YE		7	BK		8	GY		9	RD		10	VT		11	OR		12	LTGN		13	LTBU		14	BK/WH		15	BN/WH		16	RD/WH		17	BU/WH	
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17	BU/WH																																																								

M12 Panel Mount Receptacle with Wires, Front Fastened, Straight



Specification

Number of positions	2	3	4	4D	5	5B	6	8	12	17
Insert arrangement (Female)										
Insert arrangement (Male)										

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-40 C ~ +85 C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Wire material	PVC
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

Number of positions	Wire Length	Female	Male
2	0.3m	RHT-634-1390-02-030	RHT-634-1322-02-030
	Customized	RHT-634-1390-02-XXX	RHT-634-1322-02-XXX
3	0.3m	RHT-634-1390-03-030	RHT-634-1322-03-030
	Customized	RHT-634-1390-03-XXX	RHT-634-1322-03-XXX
4	0.3m	RHT-634-1390-04-030	RHT-634-1322-04-030
	Customized	RHT-634-1390-04-XXX	RHT-634-1322-04-XXX
4D	0.3m	RHT-634-1390-4D-030	RHT-634-1322-4D-030
	Customized	RHT-634-1390-4D-XXX	RHT-634-1322-4D-XXX
5	0.3m	RHT-634-1390-05-030	RHT-634-1322-05-030
	Customized	RHT-634-1390-05-XXX	RHT-634-1322-05-XXX
5B	0.3m	RHT-634-1390-5B-030	RHT-634-1322-5B-030
	Customized	RHT-634-1390-5B-XXX	RHT-634-1322-5B-XXX
6	0.3m	RHT-634-1390-06-030	RHT-634-1322-06-030
	Customized	RHT-634-1390-06-XXX	RHT-634-1322-06-XXX
8	0.3m	RHT-634-1390-08-030	RHT-634-1322-08-030
	Customized	RHT-634-1390-08-XXX	RHT-634-1322-08-XXX
12	0.3m	RHT-634-1390-12-030	RHT-634-1322-12-030
	Customized	RHT-634-1390-12-XXX	RHT-634-1322-12-XXX
17	0.3m	RHT-634-1390-17-030	RHT-634-1322-17-030
	Customized	RHT-634-1390-17-XXX	RHT-634-1322-17-XXX

M12 Panel Mount Receptacle with Wires, Rear Fastened, Straight



CE RoHS

CE RoHS

Specification

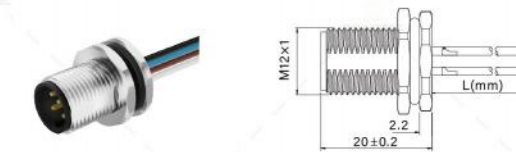
Number of positions	2	3	4	4D	5	5B	6	8	12	17
Insert arrangement (Female)										
Insert arrangement (Male)										

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-40 C ~ +85 C
Protection rating	IP67(Mated)
Body material	Brass, Nickel Plated
Screw nut material	PA66+GF
Insulation material	Solder Cup
Contact material	Brass, Gold Plated
Wire material	PVC
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

Number of positions	Wire Length	Female	Male
2	0.3m	RHT-634-1422-02-030	RHT-634-1386-02-030
	Customized	RHT-634-1422-02-XXX	RHT-634-1386-02-XXX
3	0.3m	RHT-634-1422-03-030	RHT-634-1386-03-030
	Customized	RHT-634-1422-03-XXX	RHT-634-1386-03-XXX
4	0.3m	RHT-634-1422-04-030	RHT-634-1386-04-030
	Customized	RHT-634-1422-04-XXX	RHT-634-1386-04-XXX
4D	0.3m	RHT-634-1422-4D-030	RHT-634-1386-4D-030
	Customized	RHT-634-1422-4D-XXX	RHT-634-1386-4D-XXX
5	0.3m	RHT-634-1422-05-030	RHT-634-1386-05-030
	Customized	RHT-634-1422-05-XXX	RHT-634-1386-05-XXX
5B	0.3m	RHT-634-1422-5B-030	RHT-634-1386-5B-030
	Customized	RHT-634-1422-5B-XXX	RHT-634-1386-5B-XXX
6	0.3m	RHT-634-1422-06-030	RHT-634-1386-06-030
	Customized	RHT-634-1422-06-XXX	RHT-634-1386-06-XXX
8	0.3m	RHT-634-1422-08-030	RHT-634-1386-08-030
	Customized	RHT-634-1422-08-XXX	RHT-634-1386-08-XXX
12	0.3m	RHT-634-1422-12-030	RHT-634-1386-12-030
	Customized	RHT-634-1422-12-XXX	RHT-634-1386-12-XXX
17	0.3m	RHT-634-1422-17-030	RHT-634-1386-17-030
	Customized	RHT-634-1422-17-XXX	RHT-634-1386-17-XXX

M12 Panel Mount Receptacle with Wires, Front Fastened, Straight



CE RoHS

Specification

Number of positions	2	3	4	4D	5	5B	6	8	12	17
Insert arrangement (Female)										
Insert arrangement (Male)										

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-40 C ~ +85 C
Protection rating	IP67(Mated)
Body material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Wire material	PVC
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

Number of positions	Wire Length	Male
2	0.3m	RHT-634-3423-02-030
	Customized	RHT-634-3423-02-XXX
3	0.3m	RHT-634-3423-03-030
	Customized	RHT-634-3423-03-XXX
4	0.3m	RHT-634-3423-04-030
	Customized	RHT-634-3423-04-XXX
4D	0.3m	RHT-634-3423-4D-030
	Customized	RHT-634-3423-4D-XXX
5	0.3m	RHT-634-3423-05-030
	Customized	RHT-634-3423-05-XXX
5B	0.3m	RHT-634-3423-5B-030
	Customized	RHT-634-3423-5B-XXX
6	0.3m	RHT-634-3423-06-030
	Customized	RHT-634-3423-06-XXX
8	0.3m	RHT-634-3423-08-030
	Customized	RHT-634-3423-08-XXX
12	0.3m	RHT-634-3423-12-030
	Customized	RHT-634-3423-12-XXX
17	0.3m	RHT-634-3423-17-030
	Customized	RHT-634-3423-17-XXX

M12 Panel Mount Receptacle with Wires, Rear Fastened, Straight



CE RoHS

CE RoHS

Specification

Number of positions	2	3	4	4D	5	5B	6	8	12	17
Insert arrangement (Female)										
Insert arrangement (Male)										

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-40°C ~ +85°C
Protection rating	IP67(Mated)
Body material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Wire material	PVC
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

Number of positions	Wire Length	Female	Male
2	0.3m	RHT-634-3245-02-030	RHT-634-3189-02-030
	Customized	RHT-634-3245-02-XXX	RHT-634-3189-02-XXX
3	0.3m	RHT-634-3245-03-030	RHT-634-3189-03-030
	Customized	RHT-634-3245-03-XXX	RHT-634-3189-03-XXX
4	0.3m	RHT-634-3245-04-030	RHT-634-3189-04-030
	Customized	RHT-634-3245-04-XXX	RHT-634-3189-04-XXX
4D	0.3m	RHT-634-3245-4D-030	RHT-634-3189-4D-030
	Customized	RHT-634-3245-4D-XXX	RHT-634-3189-4D-XXX
5	0.3m	RHT-634-3245-05-030	RHT-634-3189-05-030
	Customized	RHT-634-3245-05-XXX	RHT-634-3189-05-XXX
5B	0.3m	RHT-634-3245-5B-030	RHT-634-3189-5B-030
	Customized	RHT-634-3245-5B-XXX	RHT-634-3189-5B-XXX
6	0.3m	RHT-634-3245-06-030	RHT-634-3189-06-030
	Customized	RHT-634-3245-06-XXX	RHT-634-3189-06-XXX
8	0.3m	RHT-634-3245-08-030	RHT-634-3189-08-030
	Customized	RHT-634-3245-08-XXX	RHT-634-3189-08-XXX
12	0.3m	RHT-634-3245-12-030	RHT-634-3189-12-030
	Customized	RHT-634-3245-12-XXX	RHT-634-3189-12-XXX
17	0.3m	RHT-634-3245-17-030	RHT-634-3189-17-030
	Customized	RHT-634-3245-17-XXX	RHT-634-3189-17-XXX

M12 Panel Mount Receptacle with Wires, Flange Fastened, Straight



CE RoHS

CE RoHS

Specification

Number of positions	2	3	4	4D	5	5B	6	8	12	17
Insert arrangement (Female)										
Insert arrangement (Male)										

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-40°C ~ +85°C
Protection rating	IP67(Mated)
Body material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Wire material	PVC
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

Number of positions	Wire Length	Female	Male
2	0.3m	RHT-634-1423-02-030	RHT-634-1185-02-030
	Customized	RHT-634-1423-02-XXX	RHT-634-1185-02-XXX
3	0.3m	RHT-634-1423-03-030	RHT-634-1185-03-030
	Customized	RHT-634-1423-03-XXX	RHT-634-1185-03-XXX
4	0.3m	RHT-634-1423-04-030	RHT-634-1185-04-030
	Customized	RHT-634-1423-04-XXX	RHT-634-1185-04-XXX
4D	0.3m	RHT-634-1423-4D-030	RHT-634-1185-4D-030
	Customized	RHT-634-1423-4D-XXX	RHT-634-1185-4D-XXX
5	0.3m	RHT-634-1423-05-030	RHT-634-1185-05-030
	Customized	RHT-634-1423-05-XXX	RHT-634-1185-05-XXX
5B	0.3m	RHT-634-1423-5B-030	RHT-634-1185-5B-030
	Customized	RHT-634-1423-5B-XXX	RHT-634-1185-5B-XXX
6	0.3m	RHT-634-1423-06-030	RHT-634-1185-06-030
	Customized	RHT-634-1423-06-XXX	RHT-634-1185-06-XXX
8	0.3m	RHT-634-1423-08-030	RHT-634-1185-08-030
	Customized	RHT-634-1423-08-XXX	RHT-634-1185-08-XXX
12	0.3m	RHT-634-1423-12-030	RHT-634-1185-12-030
	Customized	RHT-634-1423-12-XXX	RHT-634-1185-12-XXX
17	0.3m	RHT-634-1423-17-030	RHT-634-1185-17-030
	Customized	RHT-634-1423-17-XXX	RHT-634-1185-17-XXX

M12 Panel Mount Receptacle with Wires, Front Fastened, Straight



CE RoHS

CE RoHS

Specification

Number of positions	2	3	4	4D	5	5B	6	8	12	17
Insert arrangement (Female)										
Insert arrangement (Male)										

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-40°C ~ +85°C
Protection rating	IP67(Mated)
Body material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Wire material	PVC
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

Number of positions	Wire Length	Female	Male
2	0.3m	RHT-634-3065-02-030	RHT-634-3064-02-030
	Customized	RHT-634-3065-02-XXX	RHT-634-3064-02-XXX
3	0.3m	RHT-634-3065-03-030	RHT-634-3064-03-030
	Customized	RHT-634-3065-03-XXX	RHT-634-3064-03-XXX
4	0.3m	RHT-634-3065-04-030	RHT-634-3064-04-030
	Customized	RHT-634-3065-04-XXX	RHT-634-3064-04-XXX
4D	0.3m	RHT-634-3065-4D-030	RHT-634-3064-4D-030
	Customized	RHT-634-3065-4D-XXX	RHT-634-3064-4D-XXX
5	0.3m	RHT-634-3065-05-030	RHT-634-3064-05-030
	Customized	RHT-634-3065-05-XXX	RHT-634-3064-05-XXX
5B	0.3m	RHT-634-3065-5B-030	RHT-634-3064-5B-030
	Customized	RHT-634-3065-5B-XXX	RHT-634-3064-5B-XXX
6	0.3m	RHT-634-3065-06-030	RHT-634-3064-06-030
	Customized	RHT-634-3065-06-XXX	RHT-634-3064-06-XXX
8	0.3m	RHT-634-3065-08-030	RHT-634-3064-08-030
	Customized	RHT-634-3065-08-XXX	RHT-634-3064-08-XXX
12	0.3m	RHT-634-3065-12-030	RHT-634-3064-12-030
	Customized	RHT-634-3065-12-XXX	RHT-634-3064-12-XXX
17	0.3m	RHT-634-3065-17-030	RHT-634-3064-17-030
	Customized	RHT-634-3065-17-XXX	RHT-634-3064-17-XXX

M12 Panel Mount Receptacle with Wires, Rear Fastened, Straight



CE RoHS

CE RoHS

Specification

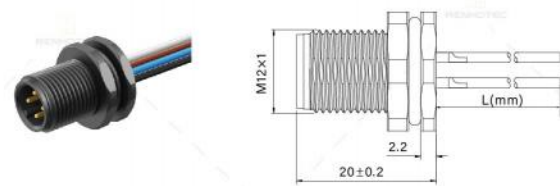
Number of positions	2	3	4	4D	5	5B	6	8	12	17
Insert arrangement (Female)										
Insert arrangement (Male)										

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-40°C ~ +85°C
Protection rating	IP67(Mated)
Body material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Wire material	PVC
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

Number of positions	Wire Length	Female	Male
2	0.3m	RHT-634-3067-02-030	RHT-634-3066-02-030
	Customized	RHT-634-3067-02-XXX	RHT-634-3066-02-XXX
3	0.3m	RHT-634-3067-03-030	RHT-634-3066-03-030
	Customized	RHT-634-3067-03-XXX	RHT-634-3066-03-XXX
4	0.3m	RHT-634-3067-04-030	RHT-634-3066-04-030
	Customized	RHT-634-3067-04-XXX	RHT-634-3066-04-XXX
4D	0.3m	RHT-634-3067-4D-030	RHT-634-3066-4D-030
	Customized	RHT-634-3067-4D-XXX	RHT-634-3066-4D-XXX
5	0.3m	RHT-634-3067-05-030	RHT-634-3066-05-030
	Customized	RHT-634-3067-05-XXX	RHT-634-3066-05-XXX
5B	0.3m	RHT-634-3067-5B-030	RHT-634-3066-5B-030
	Customized	RHT-634-3067-5B-XXX	RHT-634-3066-5B-XXX
6	0.3m	RHT-634-3067-06-030	RHT-634-3066-06-030
	Customized	RHT-634-3067-06-XXX	RHT-634-3066-06-XXX
8	0.3m	RHT-634-3067-08-030	RHT-634-3066-08-030
	Customized	RHT-634-3067-08-XXX	RHT-634-3066-08-XXX
12	0.3m	RHT-634-3067-12-030	RHT-634-3066-12-030
	Customized	RHT-634-3067-12-XXX	RHT-634-3066-12-XXX
17	0.3m	RHT-634-3067-17-030	RHT-634-3066-17-030
	Customized	RHT-634-3067-17-XXX	RHT-634-3066-17-XXX

M12 Panel Mount Receptacle with Wires, Front Fastened, Straight, Plastic



Specification

Number of positions	2	3	4	4D	5	5B	6	8	12	17
Insert arrangement (Female)										
Insert arrangement (Male)										

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-40 C ~ +85 C
Protection rating	IP67(Mated)
Body material	PA66+GF
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Wire material	PVC
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

Number of positions	Wire Length	Male
2	0.3m	RHT-634-3309-02-030
	Customized	RHT-634-3309-02-XXX
3	0.3m	RHT-634-3309-03-030
	Customized	RHT-634-3309-03-XXX
4	0.3m	RHT-634-3309-04-030
	Customized	RHT-634-3309-04-XXX
4D	0.3m	RHT-634-3309-4D-030
	Customized	RHT-634-3309-4D-XXX
5	0.3m	RHT-634-3309-05-030
	Customized	RHT-634-3309-05-XXX
5B	0.3m	RHT-634-3309-5B-030
	Customized	RHT-634-3309-5B-XXX
6	0.3m	RHT-634-3309-06-030
	Customized	RHT-634-3309-06-XXX
8	0.3m	RHT-634-3309-08-030
	Customized	RHT-634-3309-08-XXX
12	0.3m	RHT-634-3309-12-030
	Customized	RHT-634-3309-12-XXX
17	0.3m	RHT-634-3309-17-030
	Customized	RHT-634-3309-17-XXX

M12 Panel Mount Receptacle with Wires, Rear Fastened, Straight, Plastic



Specification

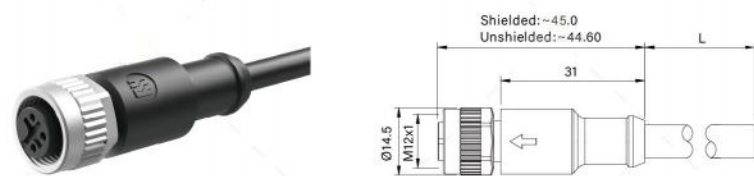
Number of positions	2	3	4	4D	5	5B	6	8	12	17
Insert arrangement (Female)										
Insert arrangement (Male)										

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-40 C ~ +85 C
Protection rating	IP67(Mated)
Body material	PA66+GF
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Wire material	PVC
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

Number of positions	Wire Length	Female	Male
2	0.3m	RHT-634-3124-02-030	RHT-634-3255-02-030
	Customized	RHT-634-3124-02-XXX	RHT-634-3255-02-XXX
3	0.3m	RHT-634-3124-03-030	RHT-634-3255-03-030
	Customized	RHT-634-3124-03-XXX	RHT-634-3255-03-XXX
4	0.3m	RHT-634-3124-04-030	RHT-634-3255-04-030
	Customized	RHT-634-3124-04-XXX	RHT-634-3255-04-XXX
4D	0.3m	RHT-634-3124-4D-030	RHT-634-3255-4D-030
	Customized	RHT-634-3124-4D-XXX	RHT-634-3255-4D-XXX
5	0.3m	RHT-634-3124-05-030	RHT-634-3255-05-030
	Customized	RHT-634-3124-05-XXX	RHT-634-3255-05-XXX
5B	0.3m	RHT-634-3124-5B-030	RHT-634-3255-5B-030
	Customized	RHT-634-3124-5B-XXX	RHT-634-3255-5B-XXX
6	0.3m	RHT-634-3124-06-030	RHT-634-3255-06-030
	Customized	RHT-634-3124-06-XXX	RHT-634-3255-06-XXX
8	0.3m	RHT-634-3124-08-030	RHT-634-3255-08-030
	Customized	RHT-634-3124-08-XXX	RHT-634-3255-08-XXX
12	0.3m	RHT-634-3124-12-030	RHT-634-3255-12-030
	Customized	RHT-634-3124-12-XXX	RHT-634-3255-12-XXX
17	0.3m	RHT-634-3124-17-030	RHT-634-3255-17-030
	Customized	RHT-634-3124-17-XXX	RHT-634-3255-17-XXX

M12 Single-ended Cable, Female Straight



Specification

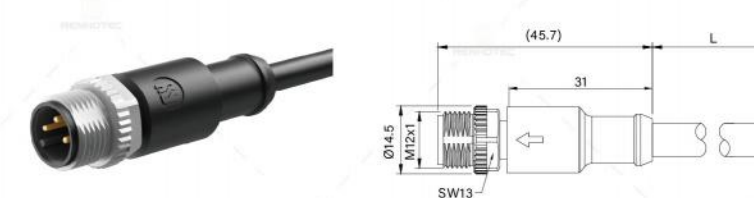
Number of positions	2	3	4	4D	5	5B	6	8	12	17
Insert arrangement (Female)										
Insert arrangement (Male)										

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +80 C
Protection rating	IP67(Mated)
Over-molding material	TPU/PVC
Screw nut material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Cable material	PVC/PUR/Customized
Cable Colour	Black/Customized
Seal	FKM
Shielding	Unshielded/Shielded
Mating cycles	≥500

Part Number

Number of positions	Cable Length	Unshielded		Shielded	
		PVC	PUR	PVC	PUR
2	1m	RHT-M12002-02-C-100	RHT-M12002-02-R-100	RHT-M12006-02-C-100	RHT-M12006-02-R-100
	Customized	RHT-M12002-02-C-XXX	RHT-M12002-02-R-XXX	RHT-M12006-02-C-XXX	RHT-M12006-02-R-XXX
3	1m	RHT-M12002-03-C-100	RHT-M12002-03-R-100	RHT-M12006-03-C-100	RHT-M12006-03-R-100
	Customized	RHT-M12002-03-C-XXX	RHT-M12002-03-R-XXX	RHT-M12006-03-C-XXX	RHT-M12006-03-R-XXX
4	1m	RHT-M12002-04-C-100	RHT-M12002-04-R-100	RHT-M12006-04-C-100	RHT-M12006-04-R-100
	Customized	RHT-M12002-04-C-XXX	RHT-M12002-04-R-XXX	RHT-M12006-04-C-XXX	RHT-M12006-04-R-XXX
4D	1m	RHT-M12002-4D-C-100	RHT-M12002-4D-R-100	RHT-M12006-4D-C-100	RHT-M12006-4D-R-100
	Customized	RHT-M12002-4D-C-XXX	RHT-M12002-4D-R-XXX	RHT-M12006-4D-C-XXX	RHT-M12006-4D-R-XXX
5	1m	RHT-M12002-05-C-100	RHT-M12002-05-R-100	RHT-M12006-05-C-100	RHT-M12006-05-R-100
	Customized	RHT-M12002-05-C-XXX	RHT-M12002-05-R-XXX	RHT-M12006-05-C-XXX	RHT-M12006-05-R-XXX
5B	1m	RHT-M12002-5B-C-100	RHT-M12002-5B-R-100	RHT-M12006-5B-C-100	RHT-M12006-5B-R-100
	Customized	RHT-M12002-5B-C-XXX	RHT-M12002-5B-R-XXX	RHT-M12006-5B-C-XXX	RHT-M12006-5B-R-XXX
6	1m	RHT-M12002-06-C-100	RHT-M12002-06-R-100	RHT-M12006-06-C-100	RHT-M12006-06-R-100
	Customized	RHT-M12002-06-C-XXX	RHT-M12002-06-R-XXX	RHT-M12006-06-C-XXX	RHT-M12006-06-R-XXX
8	1m	RHT-M12002-08-C-100	RHT-M12002-08-R-100	RHT-M12006-08-C-100	RHT-M12006-08-R-100
	Customized	RHT-M12002-08-C-XXX	RHT-M12002-08-R-XXX	RHT-M12006-08-C-XXX	RHT-M12006-08-R-XXX
12	1m	RHT-M12002-12-C-100	RHT-M12002-12-R-100	RHT-M12006-12-C-100	RHT-M12006-12-R-100
	Customized	RHT-M12002-12-C-XXX	RHT-M12002-12-R-XXX	RHT-M12006-12-C-XXX	RHT-M12006-12-R-XXX
17	1m	RHT-M12002-17-C-100	RHT-M12002-17-R-100	RHT-M12006-17-C-100	RHT-M12006-17-R-100
	Customized	RHT-M12002-17-C-XXX	RHT-M12002-17-R-XXX	RHT-M12006-17-C-XXX	RHT-M12006-17-R-XXX

M12 Single-ended Cable, Male Straight



Specification

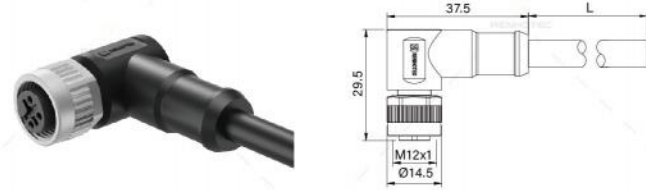
Number of positions	2	3	4	4D	5	5B	6	8	12	17
Insert arrangement (Female)										
Insert arrangement (Male)										

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +80 C
Protection rating	IP67(Mated)
Over-molding material	TPU/PVC
Screw nut material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Cable material	PVC/PUR/Customized
Cable Colour	Black/Customized
Seal	FKM
Shielding	Unshielded/Shielded
Mating cycles	≥500

Part Number

Number of positions	Cable Length	Unshielded		Shielded	
		PVC	PUR	PVC	PUR
2	1m	RHT-M12001-02-C-100	RHT-M12001-02-R-100	RHT-M12005-02-C-100	RHT-M12005-02-R-100
	Customized	RHT-M12001-02-C-XXX	RHT-M12001-02-R-XXX	RHT-M12005-02-C-XXX	RHT-M12005-02-R-XXX
3	1m	RHT-M12001-03-C-100	RHT-M12001-03-R-100	RHT-M12005-03-C-100	RHT-M12005-03-R-100
	Customized	RHT-M12001-03-C-XXX	RHT-M12001-03-R-XXX	RHT-M12005-03-C-XXX	RHT-M12005-03-R-XXX
4	1m	RHT-M12001-04-C-100	RHT-M12001-04-R-100	RHT-M12005-04-C-100	RHT-M12005-04-R-100
	Customized	RHT-M12001-04-C-XXX	RHT-M12001-04-R-XXX	RHT-M12005-04-C-XXX	RHT-M12005-04-R-XXX
4D	1m	RHT-M12001-4D-C-100	RHT-M12001-4D-R-100	RHT-M12005-4D-C-100	RHT-M12005-4D-R-100
	Customized	RHT-M12001-4D-C-XXX	RHT-M12001-4D-R-XXX	RHT-M12005-4D-C-XXX	RHT-M12005-4D-R-XXX
5	1m	RHT-M12001-05-C-100	RHT-M12001-05-R-100	RHT-M12005-05-C-100	RHT-M12005-05-R-100
	Customized	RHT-M12001-05-C-XXX	RHT-M12001-05-R-XXX	RHT-M12005-05-C-XXX	RHT-M12005-05-R-XXX
5B	1m	RHT-M12001-5B-C-100	RHT-M12001-5B-R-100	RHT-M12005-5B-C-100	RHT-M12005-5B-R-100
	Customized	RHT-M12001-5B-C-XXX	RHT-M12001-5B-R-XXX	RHT-M12005-5B-C-XXX	RHT-M12005-5B-R-XXX
6	1m	RHT-M12001-06-C-100	RHT-M12001-06-R-100	RHT-M12005-06-C-100	RHT-M12005-06-R-100
	Customized	RHT-M12001-06-C-XXX	RHT-M12001-06-R-XXX	RHT-M12005-06-C-XXX	RHT-M12005-06-R-XXX
8	1m	RHT-M12001-08-C-100	RHT-M12001-08-R-100	RHT-M12005-08-C-100	RHT-M12005-08-R-100
	Customized	RHT-M12001-08-C-XXX	RHT-M12001-08-R-XXX	RHT-M12005-08-C-XXX	RHT-M12005-08-R-XXX
12	1m	RHT-M12001-12-C-100	RHT-M12001-12-R-100	RHT-M12005-12-C-100	RHT-M12005-12-R-100
	Customized	RHT-M12001-12-C-XXX	RHT-M12001-12-R-XXX	RHT-M12005-12-C-XXX	RHT-M12005-12-R-XXX
17	1m	RHT-M12001-17-C-100	RHT-M12001-17-R-100	RHT-M12005-17-C-100	RHT-M12005-17-R-100
	Customized	RHT-M12001-17-C-XXX	RHT-M12001-17-R-XXX	RHT-M12005-17-C-XXX	RHT-M12005-17-R-XXX

M12 Single-ended Cable, Female Angled



CE RoHS

Specification

Number of positions	2	3	4	4D	5	5B	6	8	12	17
Insert arrangement (Female)										
Insert arrangement (Male)										

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67(Mated)
Over-molding material	TPU/PVC
Screw nut material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Cable material	PVC/PUR/Customized
Cable Colour	Black/Customized
Seal	FKM
Shielding	Unshielded/Shielded
Mating cycles	≥500

Part Number

Number of positions	Cable Length	Unshielded		Shielded	
		PVC	PUR	PVC	PUR
2	1m	RHT-M12004-02-C-100	RHT-M12004-02-R-100	RHT-M12008-02-C-100	RHT-M12008-02-R-100
	Customized	RHT-M12004-02-C-XXX	RHT-M12004-02-R-XXX	RHT-M12008-02-C-XXX	RHT-M12008-02-R-XXX
3	1m	RHT-M12004-03-C-100	RHT-M12004-03-R-100	RHT-M12008-03-C-100	RHT-M12008-03-R-100
	Customized	RHT-M12004-03-C-XXX	RHT-M12004-03-R-XXX	RHT-M12008-03-C-XXX	RHT-M12008-03-R-XXX
4	1m	RHT-M12004-04-C-100	RHT-M12004-04-R-100	RHT-M12008-04-C-100	RHT-M12008-04-R-100
	Customized	RHT-M12004-04-C-XXX	RHT-M12004-04-R-XXX	RHT-M12008-04-C-XXX	RHT-M12008-04-R-XXX
4D	1m	RHT-M12004-4D-C-100	RHT-M12004-4D-R-100	RHT-M12008-4D-C-100	RHT-M12008-4D-R-100
	Customized	RHT-M12004-4D-C-XXX	RHT-M12004-4D-R-XXX	RHT-M12008-4D-C-XXX	RHT-M12008-4D-R-XXX
5	1m	RHT-M12004-05-C-100	RHT-M12004-05-R-100	RHT-M12008-05-C-100	RHT-M12008-05-R-100
	Customized	RHT-M12004-05-C-XXX	RHT-M12004-05-R-XXX	RHT-M12008-05-C-XXX	RHT-M12008-05-R-XXX
5B	1m	RHT-M12004-5B-C-100	RHT-M12004-5B-R-100	RHT-M12008-5B-C-100	RHT-M12008-5B-R-100
	Customized	RHT-M12004-5B-C-XXX	RHT-M12004-5B-R-XXX	RHT-M12008-5B-C-XXX	RHT-M12008-5B-R-XXX
6	1m	RHT-M12004-06-C-100	RHT-M12004-06-R-100	RHT-M12008-06-C-100	RHT-M12008-06-R-100
	Customized	RHT-M12004-06-C-XXX	RHT-M12004-06-R-XXX	RHT-M12008-06-C-XXX	RHT-M12008-06-R-XXX
8	1m	RHT-M12004-08-C-100	RHT-M12004-08-R-100	RHT-M12008-08-C-100	RHT-M12008-08-R-100
	Customized	RHT-M12004-08-C-XXX	RHT-M12004-08-R-XXX	RHT-M12008-08-C-XXX	RHT-M12008-08-R-XXX
12	1m	RHT-M12004-12-C-100	RHT-M12004-12-R-100	RHT-M12008-12-C-100	RHT-M12008-12-R-100
	Customized	RHT-M12004-12-C-XXX	RHT-M12004-12-R-XXX	RHT-M12008-12-C-XXX	RHT-M12008-12-R-XXX
17	1m	RHT-M12004-17-C-100	RHT-M12004-17-R-100	RHT-M12008-17-C-100	RHT-M12008-17-R-100
	Customized	RHT-M12004-17-C-XXX	RHT-M12004-17-R-XXX	RHT-M12008-17-C-XXX	RHT-M12008-17-R-XXX

M12 Single-ended Cable, Male Angled



CE RoHS

Specification

Number of positions	2	3	4	4D	5	5B	6	8	12	17
Insert arrangement (Female)										
Insert arrangement (Male)										

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67(Mated)
Over-molding material	TPU/PVC
Screw nut material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Cable material	PVC/PUR/Customized
Cable Colour	Black/Customized
Seal	FKM
Shielding	Unshielded/Shielded
Mating cycles	≥500

Part Number

Number of positions	Cable Length	Unshielded		Shielded	
		PVC	PUR	PVC	PUR
2	1m	RHT-M12003-02-C-100	RHT-M12003-02-R-100	RHT-M12007-02-C-100	RHT-M12007-02-R-100
	Customized	RHT-M12003-02-C-XXX	RHT-M12003-02-R-XXX	RHT-M12007-02-C-XXX	RHT-M12007-02-R-XXX
3	1m	RHT-M12003-03-C-100	RHT-M12003-03-R-100	RHT-M12007-03-C-100	RHT-M12007-03-R-100
	Customized	RHT-M12003-03-C-XXX	RHT-M12003-03-R-XXX	RHT-M12007-03-C-XXX	RHT-M12007-03-R-XXX
4	1m	RHT-M12003-04-C-100	RHT-M12003-04-R-100	RHT-M12007-04-C-100	RHT-M12007-04-R-100
	Customized	RHT-M12003-04-C-XXX	RHT-M12003-04-R-XXX	RHT-M12007-04-C-XXX	RHT-M12007-04-R-XXX
4D	1m	RHT-M12003-4D-C-100	RHT-M12003-4D-R-100	RHT-M12007-4D-C-100	RHT-M12007-4D-R-100
	Customized	RHT-M12003-4D-C-XXX	RHT-M12003-4D-R-XXX	RHT-M12007-4D-C-XXX	RHT-M12007-4D-R-XXX
5	1m	RHT-M12003-05-C-100	RHT-M12003-05-R-100	RHT-M12007-05-C-100	RHT-M12007-05-R-100
	Customized	RHT-M12003-05-C-XXX	RHT-M12003-05-R-XXX	RHT-M12007-05-C-XXX	RHT-M12007-05-R-XXX
5B	1m	RHT-M12003-5B-C-100	RHT-M12003-5B-R-100	RHT-M12007-5B-C-100	RHT-M12007-5B-R-100
	Customized	RHT-M12003-5B-C-XXX	RHT-M12003-5B-R-XXX	RHT-M12007-5B-C-XXX	RHT-M12007-5B-R-XXX
6	1m	RHT-M12003-06-C-100	RHT-M12003-06-R-100	RHT-M12007-06-C-100	RHT-M12007-06-R-100
	Customized	RHT-M12003-06-C-XXX	RHT-M12003-06-R-XXX	RHT-M12007-06-C-XXX	RHT-M12007-06-R-XXX
8	1m	RHT-M12003-08-C-100	RHT-M12003-08-R-100	RHT-M12007-08-C-100	RHT-M12007-08-R-100
	Customized	RHT-M12003-08-C-XXX	RHT-M12003-08-R-XXX	RHT-M12007-08-C-XXX	RHT-M12007-08-R-XXX
12	1m	RHT-M12003-12-C-100	RHT-M12003-12-R-100	RHT-M12007-12-C-100	RHT-M12007-12-R-100
	Customized	RHT-M12003-12-C-XXX	RHT-M12003-12-R-XXX	RHT-M12007-12-C-XXX	RHT-M12007-12-R-XXX
17	1m	RHT-M12003-17-C-100	RHT-M12003-17-R-100	RHT-M12007-17-C-100	RHT-M12007-17-R-100
	Customized	RHT-M12003-17-C-XXX	RHT-M12003-17-R-XXX	RHT-M12007-17-C-XXX	RHT-M12007-17-R-XXX

M12 Single-ended Cable, Straight, Plastic



CE RoHS

CE RoHS

Specification

Number of positions	2	3	4	4D	5	5B	6	8	12	17
Insert arrangement (Female)										
Insert arrangement (Male)										

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 °C ~ +80 °C
Protection rating	IP67(Mated)
Over-molding material	TPU/PVC
Screw nut material	PA66+GF
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Cable material	PVC/PUR/Customized
Cable Colour	Black/Customized
Seal	FKM
Shielding	Unshielded
Mating cycles	≥500

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
2	1m	RHT-M12014-02-C-100	RHT-M12014-02-R-100	RHT-M12013-02-C-100	RHT-M12013-02-R-100
	Customized	RHT-M12014-02-C-XXX	RHT-M12014-02-R-XXX	RHT-M12013-02-C-XXX	RHT-M12013-02-R-XXX
3	1m	RHT-M12014-03-C-100	RHT-M12014-03-R-100	RHT-M12013-03-C-100	RHT-M12013-03-R-100
	Customized	RHT-M12014-03-C-XXX	RHT-M12014-03-R-XXX	RHT-M12013-03-C-XXX	RHT-M12013-03-R-XXX
4	1m	RHT-M12014-04-C-100	RHT-M12014-04-R-100	RHT-M12013-04-C-100	RHT-M12013-04-R-100
	Customized	RHT-M12014-04-C-XXX	RHT-M12014-04-R-XXX	RHT-M12013-04-C-XXX	RHT-M12013-04-R-XXX
4D	1m	RHT-M12014-4D-C-100	RHT-M12014-4D-R-100	RHT-M12013-4D-C-100	RHT-M12013-4D-R-100
	Customized	RHT-M12014-4D-C-XXX	RHT-M12014-4D-R-XXX	RHT-M12013-4D-C-XXX	RHT-M12013-4D-R-XXX
5	1m	RHT-M12014-05-C-100	RHT-M12014-05-R-100	RHT-M12013-05-C-100	RHT-M12013-05-R-100
	Customized	RHT-M12014-05-C-XXX	RHT-M12014-05-R-XXX	RHT-M12013-05-C-XXX	RHT-M12013-05-R-XXX
5B	1m	RHT-M12014-5B-C-100	RHT-M12014-5B-R-100	RHT-M12013-5B-C-100	RHT-M12013-5B-R-100
	Customized	RHT-M12014-5B-C-XXX	RHT-M12014-5B-R-XXX	RHT-M12013-5B-C-XXX	RHT-M12013-5B-R-XXX
6	1m	RHT-M12014-06-C-100	RHT-M12014-06-R-100	RHT-M12013-06-C-100	RHT-M12013-06-R-100
	Customized	RHT-M12014-06-C-XXX	RHT-M12014-06-R-XXX	RHT-M12013-06-C-XXX	RHT-M12013-06-R-XXX
8	1m	RHT-M12014-08-C-100	RHT-M12014-08-R-100	RHT-M12013-08-C-100	RHT-M12013-08-R-100
	Customized	RHT-M12014-08-C-XXX	RHT-M12014-08-R-XXX	RHT-M12013-08-C-XXX	RHT-M12013-08-R-XXX
12	1m	RHT-M12014-12-C-100	RHT-M12014-12-R-100	RHT-M12013-12-C-100	RHT-M12013-12-R-100
	Customized	RHT-M12014-12-C-XXX	RHT-M12014-12-R-XXX	RHT-M12013-12-C-XXX	RHT-M12013-12-R-XXX
17	1m	RHT-M12014-17-C-100	RHT-M12014-17-R-100	RHT-M12013-17-C-100	RHT-M12013-17-R-100
	Customized	RHT-M12014-17-C-XXX	RHT-M12014-17-R-XXX	RHT-M12013-17-C-XXX	RHT-M12013-17-R-XXX

M12 Single-ended Cable, Angled, Plastic



CE RoHS

CE RoHS

Specification

Number of positions	2	3	4	4D	5	5B	6	8	12	17
Insert arrangement (Female)										
Insert arrangement (Male)										

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 °C ~ +80 °C
Protection rating	IP67(Mated)
Over-molding material	TPU/PVC
Screw nut material	PA66+GF
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Cable material	PVC/PUR/Customized
Cable Colour	Black/Customized
Seal	FKM
Shielding	Unshielded
Mating cycles	≥500

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
2	1m	RHT-M12016-02-C-100	RHT-M12016-02-R-100	RHT-M12015-02-C-100	RHT-M12015-02-R-100
	Customized	RHT-M12016-02-C-XXX	RHT-M12016-02-R-XXX	RHT-M12015-02-C-XXX	RHT-M12015-02-R-XXX
3	1m	RHT-M12016-03-C-100	RHT-M12016-03-R-100	RHT-M12015-03-C-100	RHT-M12015-03-R-100
	Customized	RHT-M12016-03-C-XXX	RHT-M12016-03-R-XXX	RHT-M12015-03-C-XXX	RHT-M12015-03-R-XXX
4	1m	RHT-M12016-04-C-100	RHT-M12016-04-R-100	RHT-M12015-04-C-100	RHT-M12015-04-R-100
	Customized	RHT-M12016-04-C-XXX	RHT-M12016-04-R-XXX	RHT-M12015-04-C-XXX	RHT-M12015-04-R-XXX
4D	1m	RHT-M12016-4D-C-100	RHT-M12016-4D-R-100	RHT-M12015-4D-C-100	RHT-M12015-4D-R-100
	Customized	RHT-M12016-4D-C-XXX	RHT-M12016-4D-R-XXX	RHT-M12015-4D-C-XXX	RHT-M12015-4D-R-XXX
5	1m	RHT-M12016-05-C-100	RHT-M12016-05-R-100	RHT-M12015-05-C-100	RHT-M12015-05-R-100
	Customized	RHT-M12016-05-C-XXX	RHT-M12016-05-R-XXX	RHT-M12015-05-C-XXX	RHT-M12015-05-R-XXX
5B	1m	RHT-M12016-5B-C-100	RHT-M12016-5B-R-100	RHT-M12015-5B-C-100	RHT-M12015-5B-R-100
	Customized	RHT-M12016-5B-C-XXX	RHT-M12016-5B-R-XXX	RHT-M12015-5B-C-XXX	RHT-M12015-5B-R-XXX
6	1m	RHT-M12016-06-C-100	RHT-M12016-06-R-100	RHT-M12015-06-C-100	RHT-M12015-06-R-100
	Customized	RHT-M12016-06-C-XXX	RHT-M12016-06-R-XXX	RHT-M12015-06-C-XXX	RHT-M12015-06-R-XXX
8	1m	RHT-M12016-08-C-100	RHT-M12016-08-R-100	RHT-M12015-08-C-100	RHT-M12015-08-R-100
	Customized	RHT-M12016-08-C-XXX	RHT-M12016-08-R-XXX	RHT-M12015-08-C-XXX	RHT-M12015-08-R-XXX
12	1m	RHT-M12016-12-C-100	RHT-M12016-12-R-100	RHT-M12015-12-C-100	RHT-M12015-12-R-100
	Customized	RHT-M12016-12-C-XXX	RHT-M12016-12-R-XXX	RHT-M12015-12-C-XXX	RHT-M12015-12-R-XXX
17	1m	RHT-M12016-17-C-100	RHT-M12016-17-R-100	RHT-M12015-17-C-100	RHT-M12015-17-R-100
	Customized	RHT-M12016-17-C-XXX	RHT-M12016-17-R-XXX	RHT-M12015-17-C-XXX	RHT-M12015-17-R-XXX

M12 Single-ended Cable with Cat 5e S/FTP Ethernet , EMI-Shielded, Straight



CE RoHS

CE RoHS

Specification

Number of positions 4D

Insert arrangement (Female)



Insert arrangement (Male)



Coded	D-Coded
Rated current	4A
Rated voltage	250V
Wire gauge	22AWG/0.34mm ²
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +80 C
Protection rating	IP67(Mated)
Over-molding material	TPU/PVC
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Cable material	PVC/PUR/Customized
Cable Colour	Green/Customized
Seal	FKM
Shielding	EMI-Shielded
Mating cycles	≥500

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
4D	1m	RHT-605-10056-4D-C-100	RHT-605-10056-4D-R-100	RHT-605-10055-4D-C-100	RHT-605-10055-4D-R-100
	Customized	RHT-605-10056-4D-C-XXX	RHT-605-10056-4D-R-XXX	RHT-605-10055-4D-C-XXX	RHT-605-10055-4D-R-XXX

M12 Single-ended Cable with Cat 5e S/FTP Ethernet , EMI-Shielded, Angled



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Specification

Number of positions 4D

Insert arrangement (Female)



Insert arrangement (Male)



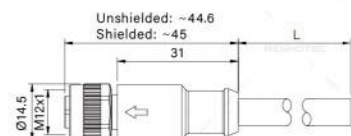
Coded	D-Coded
Rated current	4A
Rated voltage	250V
Wire gauge	22AWG/0.34mm ²
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +80 C
Protection rating	IP67(Mated)
Over-molding material	TPU/PVC
Screw nut material	Zinc, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Cable material	PVC/PUR/Customized
Cable Colour	Green/Customized
Seal	FKM
Shielding	EMI-Shielded
Mating cycles	≥500

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
4D	1m	RHT-605-10058-4D-C-100	RHT-605-10058-4D-R-100	RHT-605-10057-4D-C-100	RHT-605-10057-4D-R-100
	Customized	RHT-605-10058-4D-C-XXX	RHT-605-10058-4D-R-XXX	RHT-605-10057-4D-C-XXX	RHT-605-10057-4D-R-XXX

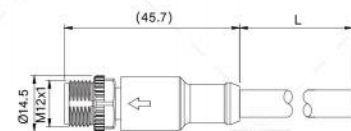
M12 Female to Female Cable

CE RoHS



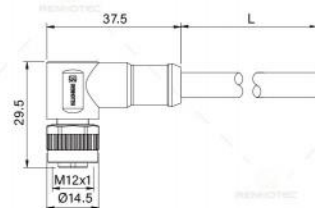
M12 Male to Male Cable

CE RoHS



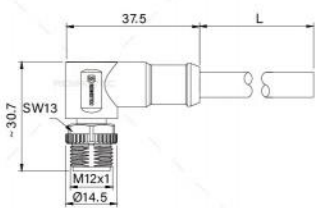
M12 Female to Female Cable

CE RoHS



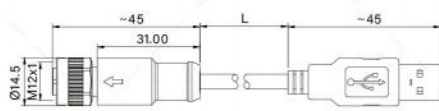
M12 Male to Male Cable

CE RoHS



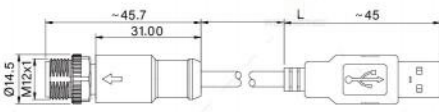
M12 Female to USB2.0 Cable

CE RoHS



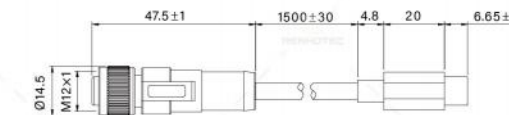
M12 Male to USB2.0 Cable

CE RoHS



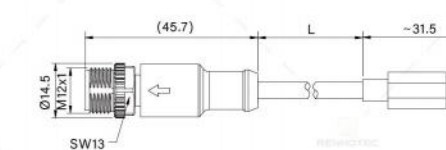
M12 Female to USB Type C Cable

CE RoHS



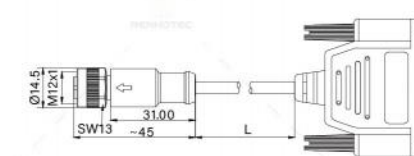
M12 Male to USB Type C Cable

CE RoHS



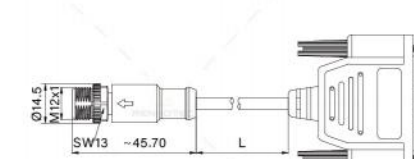
M12 Female to Dsub25 Cable

CE RoHS



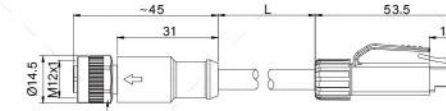
M12 Male to Dsub25 Cable

CE RoHS



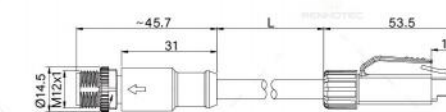
M12 D Code Female to RJ45 Male Cable

CE RoHS

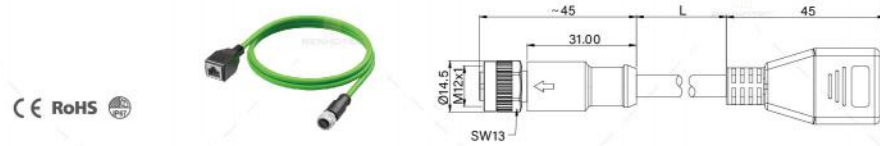


M12 D Code Male to RJ45 Male Cable

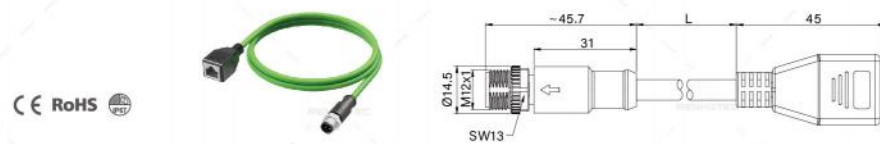
CE RoHS



M12 D Code Female to RJ45 Female Cable



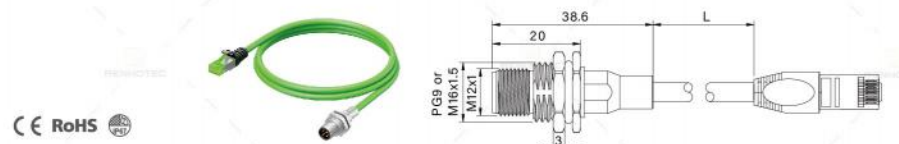
M12 D Code Male to RJ45 Female Cable



M12 D Code Female Panel Mount Receptacle to RJ45 Male with Cable

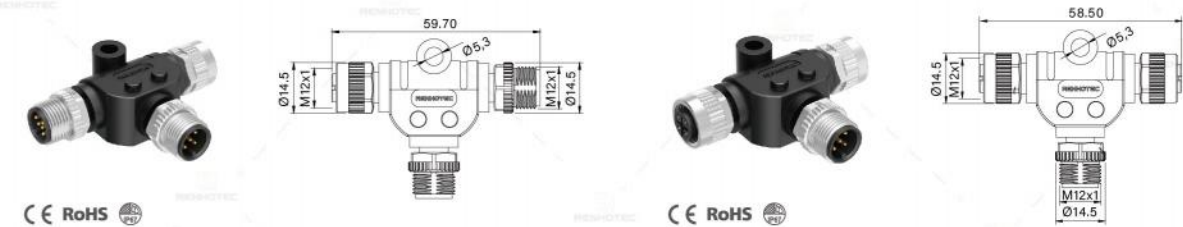


M12 D Code Male Panel Mount Receptacle to RJ45 Male with Cable



* Wire length, material, color, etc. can be customized. Contact our sales staff for consultation if needed.

M12 Tee Type Splitter



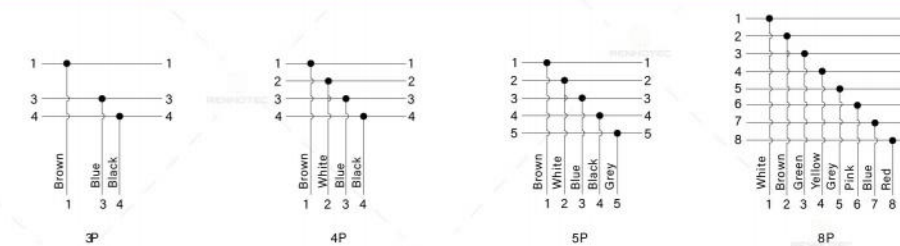
Specification

Number of positions	3	4	4D	5	5B	8	
Insert arrangement (Female)							
Insert arrangement (Male)							
Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded	
Rated current	4A					2A	
Rated voltage	250V					60V	
Insulation resistance	≥100MΩ						
Contact resistance	≤5mΩ						
Temperature range	-25°C ~ +80°C						
Protection rating	IP67(Mated)						
Body material	PVC						
Screw nut material	Brass, Nickel Plated						
Insulation material	PA66+GF						
Contact material	Brass, Gold Plated						
Seal	NBR, Black						
Shielding	Unshielded						
Mating cycles	≥500						

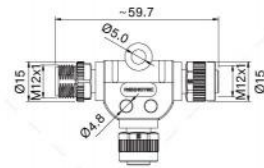
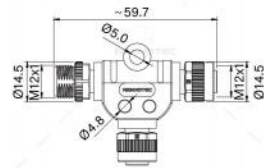
Part Number

Number of positions	Male to Male / Female	Female to Male / Female
3	RHT-634-3639-03	RHT-634-3640-03
4	RHT-634-3639-04	RHT-634-3640-04
4D	RHT-634-3639-4D	RHT-634-3640-4D
5	RHT-634-3639-05	RHT-634-3640-05
5B	RHT-634-3639-5B	RHT-634-3640-5B
8	RHT-634-3639-08	RHT-634-3640-08

Wiring Diagram



M12 Tee Type Splitter, Male to 2 X Female



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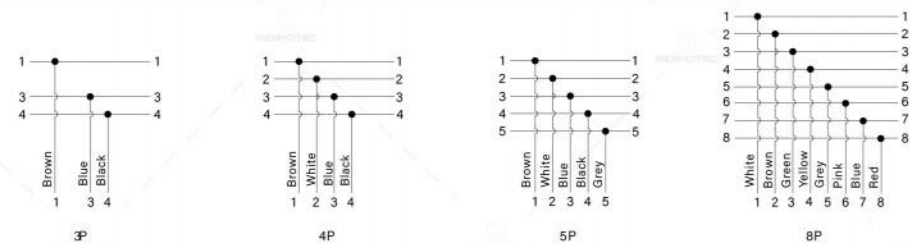
Specification

Number of positions	3	4	4D	5	5B	8
Insert arrangement (Female)						
Insert arrangement (Male)						
Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded
Rated current	4A					2A
Rated voltage	250V			60V		30V
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25 °C ~ +80 °C					
Protection rating	IP67(Mated)					
Body material	PVC					
Screw nut material	Zinc Alloy, Electroless Nickel/PA66+GF					
Insulation material	PA66+GF					
Contact material	Brass, Gold Plated					
Seal	FKM					
Shielding	Unshielded					
Mating cycles	≥500					

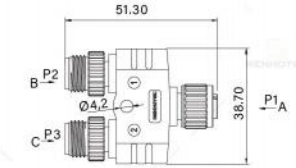
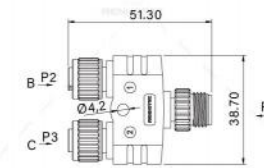
Part Number

Number of positions	Metal	Plastic
3	RHT-634-3399-03	RHT-634-3413-03
4	RHT-634-3399-04	RHT-634-3413-04
4D	RHT-634-3399-4D	RHT-634-3413-4D
5	RHT-634-3399-05	RHT-634-3413-05
5B	RHT-634-3399-5B	RHT-634-3413-5B
8	RHT-634-3399-08	RHT-634-3413-08

Wiring Diagram



M12 Y Type Splitter, Male to Female



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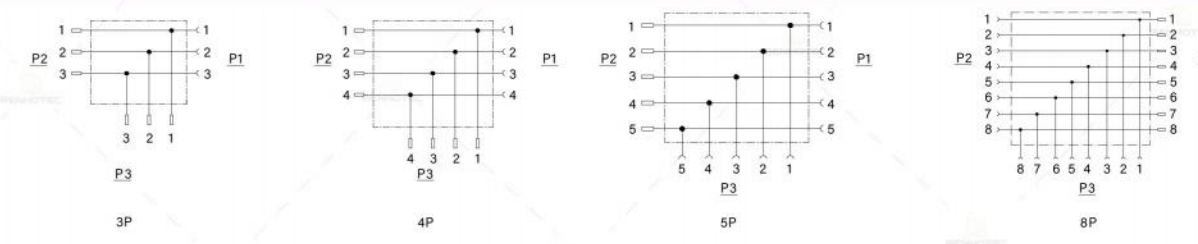
Specification

Number of positions	3	4	4D	5	5B	8
Insert arrangement (Female)						
Insert arrangement (Male)						
Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded
Rated current	4A					2A
Rated voltage	250V			60V		30V
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25 °C ~ +80 °C					
Protection rating	IP67(Mated)					
Body material	PVC					
Screw nut material	Brass, Nickel Plated					
Insulation material	PA66+GF					
Contact material	Brass, Gold Plated					
Seal	NBR, Black					
Shielding	Unshielded					
Mating cycles	≥500					

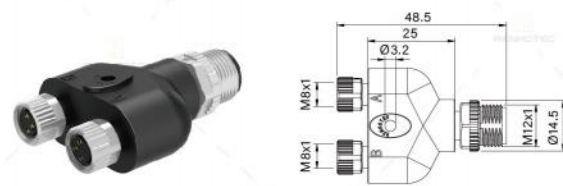
Part Number

Number of positions	1 Male to 2 Female	2 Male to 1 Female
3	RHT-634-3366-03	RHT-634-3367-03
4	RHT-634-3366-04	RHT-634-3367-04
4D	RHT-634-3366-4D	RHT-634-3367-4D
5	RHT-634-3366-05	RHT-634-3367-05
5B	RHT-634-3366-5B	RHT-634-3367-5B
8	RHT-634-3366-08	RHT-634-3367-08

Wiring Diagram



M12 Y Type Splitter, Male to M8 2 X Female



Specification

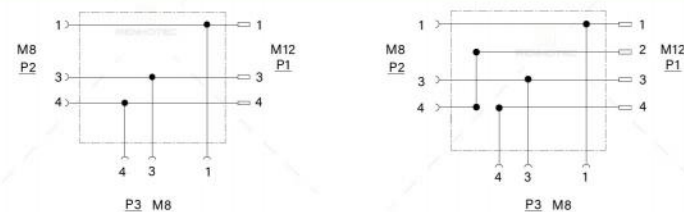
Number of positions	3	4
Insert arrangement (Female)		
Insert arrangement (Male)		

Coded	A-Coded	A-Coded
Rated current	4A	
Rated voltage	250V	
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25 °C ~ +80 °C	
Protection rating	IP67(Mated)	
Body material	PVC	
Screw nut material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	1 Male to M8 2 Female
3	RHT-605-3641-03
4	RHT-605-3641-04
5	RHT-605-3641-05

Wiring Diagram



M12 I Type Feed Through Splitter, Male to Female



Specification

Number of positions	3	4	4D	5	5B	8
Insert arrangement (Female)						
Insert arrangement (Male)						

Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded	
Rated current	4A					2A	
Rated voltage	250V					60V	30V
Insulation resistance	≥100MΩ						
Contact resistance	≤5mΩ						
Temperature range	-25 °C ~ +80 °C						
Protection rating	IP67(Mated)						
Body material	Brass, Nickel Plated						
Insulation material	PA66+GF						
Contact material	Brass, Gold Plated						
Seal	NBR, Black						
Shielding	Unshielded						
Mating cycles	≥500						

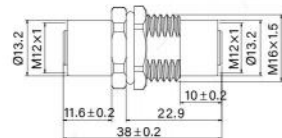
Part Number

Number of positions	Male to Female
3	RHT-605-2934-03
4	RHT-605-2934-04
4D	RHT-605-2934-4D
5	RHT-605-2934-05
5B	RHT-605-2934-5B
8	RHT-605-2934-08

Wiring Diagram



M12 I Type Feed Through Splitter, Female to Female



Specification

Number of positions	4D
Insert arrangement (Female)	
Insert arrangement (Male)	

Coded	A-Coded
Rated current	4A
Rated voltage	250V
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-40°C ~ +80°C
Protection rating	IP67(Mated)
Body material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

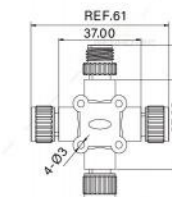
Part Number

Number of positions	Female to Female
4D	RHT-634-3262-4D

Wiring Diagram



M12 X Type Splitter, Male to Female



Specification

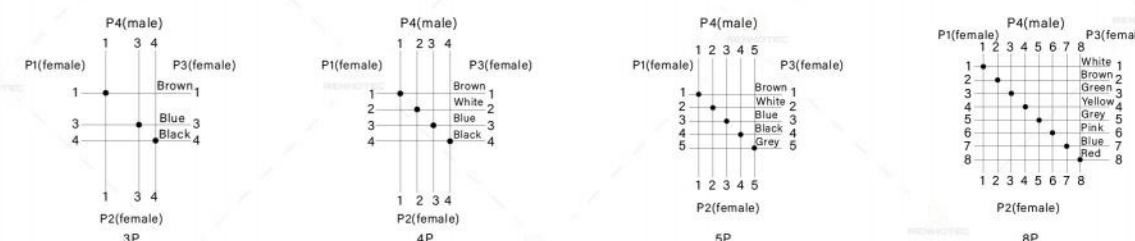
Number of positions	3	4	4D	5	5B	8
Insert arrangement (Female)						
Insert arrangement (Male)						

Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded
Rated current	4A					2A
Rated voltage	250V				60V	30V
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25°C ~ +80°C					
Protection rating	IP67(Mated)					
Body material	PVC					
Screw nut material	Brass, Nickel Plated					
Insulation material	PA66+GF					
Contact material	Brass, Gold Plated					
Seal	NBR, Black					
Shielding	Unshielded					
Mating cycles	≥500					

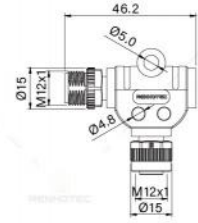
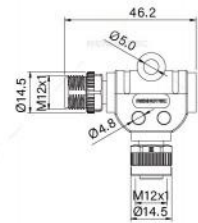
Part Number

Number of positions	Male to 3 Female
3	RHT-634-3578-03
4	RHT-634-3578-04
4D	RHT-634-3578-4D
5	RHT-634-3578-05
5B	RHT-634-3578-5B
8	RHT-634-3578-08

Wiring Diagram



M12 L Type Splitter, Male to Female



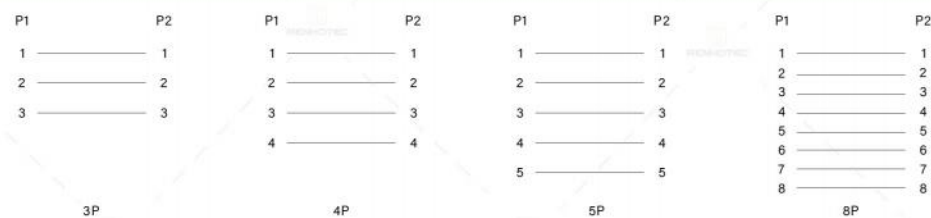
Specification

Number of positions	3	4	4D	5	5B	8
Insert arrangement (Female)						
Insert arrangement (Male)						
Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded
Rated current	4A					2A
Rated voltage	250V			60V		30V
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25°C ~ +80°C					
Protection rating	IP67(Mated)					
Body material	PVC					
Screw nut material	Brass, Nickel Plated/PA66+GF					
Insulation material	PA66+GF					
Contact material	Brass, Gold Plated					
Seal	FKM					
Shielding	Unshielded					
Mating cycles	≥500					

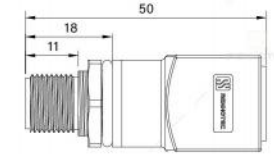
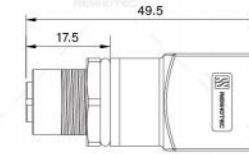
Part Number

Number of positions	Metal	Plastic
3	RHT-634-3400-03	RHT-634-3435-03
4	RHT-634-3400-04	RHT-634-3435-04
4D	RHT-634-3400-4D	RHT-634-3435-4D
5	RHT-634-3400-05	RHT-634-3435-05
5B	RHT-634-3400-5B	RHT-634-3435-5B
8	RHT-634-3400-08	RHT-634-3435-08

Wiring Diagram



M12 Splitter, to RJ45 Female, Straight



Specification

Number of positions	4	8
Insert arrangement (Female)		
Insert arrangement (Male)		
Coded	A-Coded	A-Coded
Rated current	4A	2A
Rated voltage	250V AC/DC	30V AC/DC
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25°C ~ +80°C	
Protection rating	IP67(Mated)	
Body material	PVC	
Screw nut material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

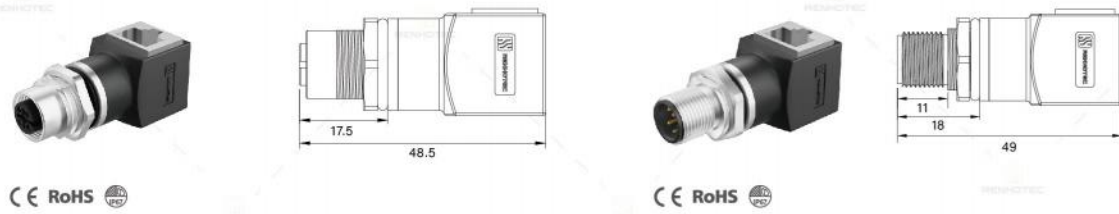
Part Number

Number of positions	Female	Male
4	RHT-634-3341	RHT-634-3340
8	RHT-634-3337	RHT-634-3336

Wiring Diagram

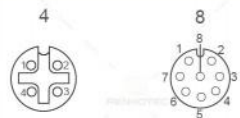


M12 Splitter, to RJ45 Female, Angled



Specification

Number of positions



Insert arrangement (Female)



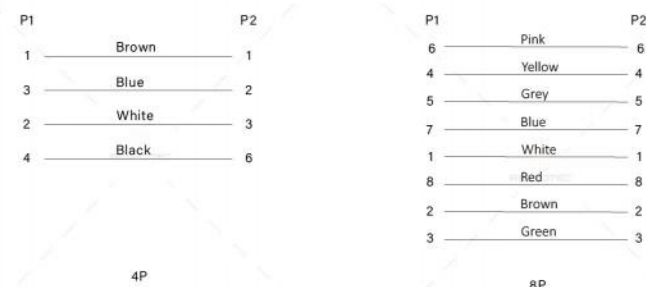
Insert arrangement (Male)

Coded	A-Coded	A-Coded
Rated current	4A	2A
Rated voltage	250V AC/DC	30V AC/DC
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25°C ~ +80°C	
Protection rating	IP67(Mated)	
Body material	PVC	
Screw nut material	Brass, Nickel Plated	
Insulation material	PA66+GF	
Contact material	Brass, Gold Plated	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Female	Male
4	RHT-634-3343	RHT-634-3342
8	RHT-634-3339	RHT-634-3338

Wiring Diagram

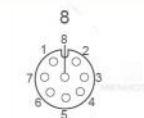


M12 Splitter, to RJ45 Female, Straight

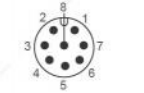


Specification

Number of positions



Insert arrangement (Female)



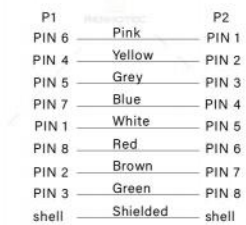
Insert arrangement (Male)

Coded	A-Coded
Rated current	2A
Rated voltage	30V AC/DC
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67(Mated)
Body material	PVC
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

Part Number

Number of positions	Female	Male
8	EB-400-2221-O-F-S-08	RHT-634-3444-08

Wiring Diagram



M12 Splitter, to RJ45 Female, Angled



Specification

Number of positions

Insert arrangement (Female)



Insert arrangement (Male)



Coded	A-Coded
Rated current	2A
Rated voltage	30V AC/DC
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67(Mated)
Body material	PVC
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

Part Number

Number of positions	Female	Male
8	RHT-634-3446-08	RHT-634-3445-08

Wiring Diagram

RJ45		M12
PIN 1	Pink	PIN 6
PIN 2	Yellow	PIN 4
PIN 3	Grey	PIN 5
PIN 4	Blue	PIN 7
PIN 5	White	PIN 1
PIN 6	Red	PIN 8
PIN 7	Brown	PIN 2
PIN 8	Green	PIN 3
shell	shielded	shell

M12 Splitter, to RJ45 Female, Straight



Specification

Number of positions

Insert arrangement (Female)



Insert arrangement (Male)



Coded	A-Coded
Rated current	2A
Rated voltage	30V AC/DC
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67(Mated)
Body material	PVC
Screw nut material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

Part Number

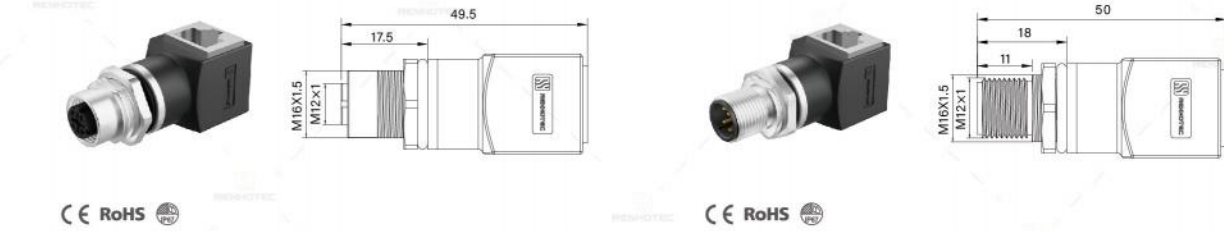
Number of positions	Male
8	RHT-634-3480-08

Wiring Diagram

M12		RJ45
PIN 6	Pink	PIN 1
PIN 4	Yellow	PIN 2
PIN 5	Grey	PIN 3
PIN 7	Blue	PIN 4
PIN 1	White	PIN 5
PIN 8	Red	PIN 6
PIN 2	Brown	PIN 7
PIN 3	Green	PIN 8
shell	Shielded	shell

M12 Splitter, to RJ45 Female, Straight

M12 Splitter, to RJ45 Female, Angled



Specification

Specification

Number of positions	4D
Insert arrangement (Female)	
Insert arrangement (Male)	
Coded	D-Coded
Rated current	4A
Rated voltage	250V
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67(Mated)
Body material	PVC
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Number of positions	4D
Insert arrangement (Female)	
Insert arrangement (Male)	
Coded	D-Coded
Rated current	4A
Rated voltage	250V AC/DC
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67(Mated)
Body material	PVC
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

Part Number

Number of positions	Female	Male
4D	RHT-634-3345-4D	RHT-634-3344-4D

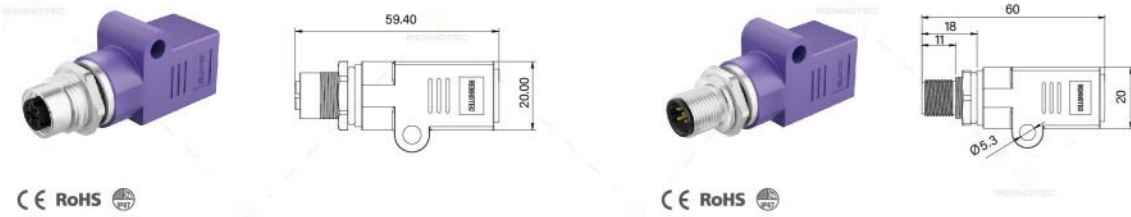
Number of positions	Female	Male
4D	RHT-634-3347-4D	RHT-634-3346-4D

Wiring Diagram

Wiring Diagram



M12 Splitter, to RJ45 Female, Straight



Specification

Number of positions

4D

Insert arrangement (Female)



Insert arrangement (Male)

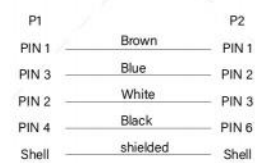


Coded	D-Coded
Rated current	4A
Rated voltage	250V AC/DC
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67(Mated)
Body material	PVC
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

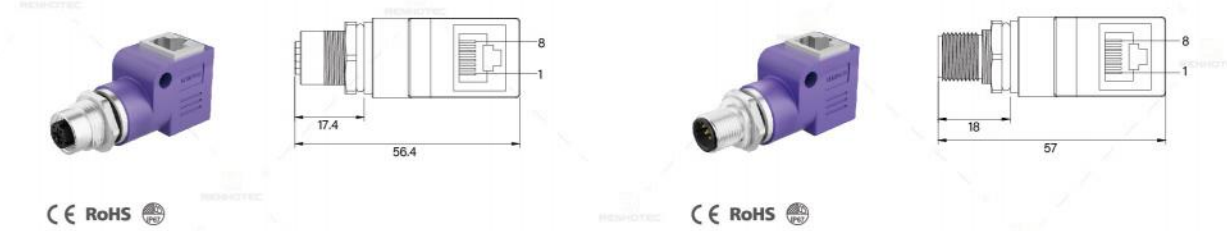
Part Number

Number of positions	Female	Male
4D	EB-400-2204-P-F-S-4D	EB-400-2204-P-M-S-4D

Wiring Diagram



M12 Splitter, to RJ45 Female, Angled



Specification

Number of positions

4D

Insert arrangement (Female)



Insert arrangement (Male)



Coded	D-Coded
Rated current	4A
Rated voltage	250V AC/DC
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67(Mated)
Body material	PVC
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

Part Number

Number of positions	Female	Male
4D	RHT-634-3448-4D	RHT-634-3447-4D

Wiring Diagram



M12 Splitter, to RJ45 Female, Straight



Specification

Number of positions	4D
Insert arrangement (Female)	
Insert arrangement (Male)	

Coded	D-Coded
Rated current	4A
Rated voltage	250V AC/50V DC
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67(Mated)
Body material	PVC
Screw nut material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

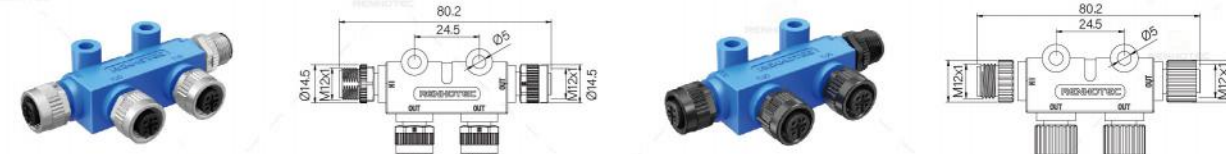
Part Number

Number of positions	Male
4D	RHT-634-3479-4D

Wiring Diagram

M12		RJ45
PIN 1	Brown	PIN 1
PIN 3	Blue	PIN 2
PIN 2	White	PIN 3
PIN 4	Black	PIN 6
Shell	Shielded	Shell

M12 Multi-Way 2T-Splitter, Male to 3 Female



Specification

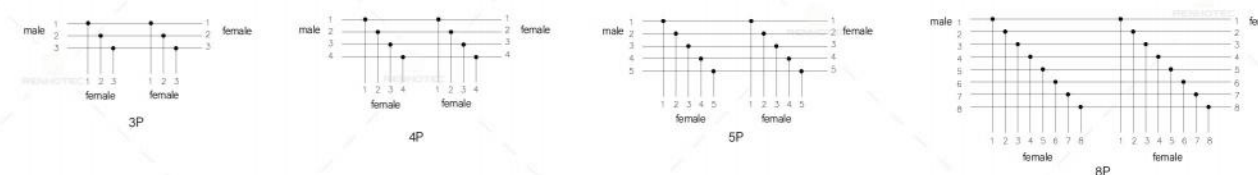
Number of positions	3	4	4D	5	5B	8
Insert arrangement (Female)						
Insert arrangement (Male)						

Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded
Rated current	4A					2A
Rated voltage	250V				60V	30V
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25°C ~ +80°C					
Protection rating	IP67 (Mated)					
Body material	PVC					
Screw nut material	Zinc Alloy, Electroless Nickel/PA66+GF					
Insulation material	PA66+GF					
Contact material	Brass, Gold Plated					
Seal	FKM					
Shielding	Unshielded					
Mating cycles	≥500					

Part Number

Number of positions	Metal	Plastic
3	RHT-634-3401-03	RHT-634-3453-03
4	RHT-634-3401-04	RHT-634-3453-04
4D	RHT-634-3401-4D	RHT-634-3453-4D
5	RHT-634-3401-05	RHT-634-3453-05
5B	RHT-634-3401-5B	RHT-634-3453-5B
8	RHT-634-3401-08	RHT-634-3453-08

Wiring Diagram



M12 Multi-Way 4T-Splitter, Male to 5 Female



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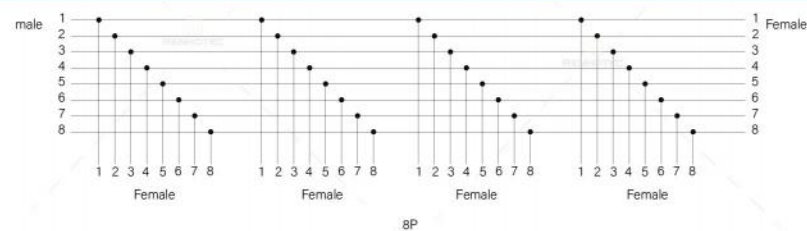
Specification

Number of positions	3	4	4D	5	5B	8
Insert arrangement (Female)						
Insert arrangement (Male)						
Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded
Rated current	4A					2A
Rated voltage	250V				60V	30V
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25°C ~ +80°C					
Protection rating	IP67 (Mated)					
Body material	PVC					
Screw nut material	Zinc Alloy, Electroless Nickel/PA66+GF					
Insulation material	PA66+GF					
Contact material	Brass, Gold Plated					
Seal	FKM					
Shielding	Unshielded					
Mating cycles	≥500					

Part Number

Number of positions	Metal	Plastic
3	RHT-634-3402-03	RHT-634-3434-03
4	RHT-634-3402-04	RHT-634-3434-04
4D	RHT-634-3402-4D	RHT-634-3434-4D
5	RHT-634-3402-05	RHT-634-3434-05
5B	RHT-634-3402-5B	RHT-634-3434-5B
8	RHT-634-3402-08	RHT-634-3434-08

Wiring Diagram



M12 Tee Type Splitter Power-Tap Cable



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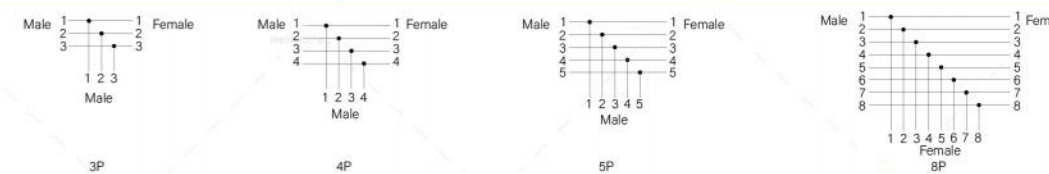
Specification

Number of positions	3	4	4D	5	5B	8
Insert arrangement (Female)						
Insert arrangement (Male)						
Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded
Rated current	4A					2A
Rated voltage	250V				60V	30V
Wire gauge	22AWG/0.34mm ²					24AWG/0.25mm ²
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25°C ~ +80°C					
Protection rating	IP67 (Mated)					
Body material	PVC					
Screw nut material	Zinc Alloy, Electroless Nickel					
Insulation material	PA66+GF					
Contact material	Brass, Gold Plated					
Cable material	PVC/PUR/Customized					
Cable Colour	Violet/Customized					
Seal	FKM					
Shielding	Shielded					
Mating cycles	≥500					

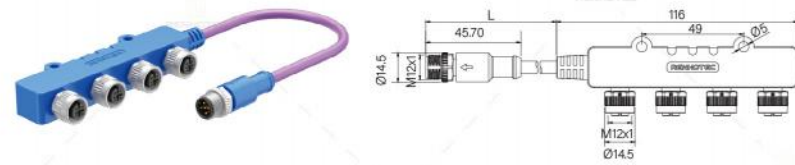
Part Number

Number of positions	Tee Type Splitter Power-Tap Cable
3	RHT-634-3403-03-XXX
4	RHT-634-3403-04-XXX
4D	RHT-634-3403-4D-XXX
5	RHT-634-3403-05-XXX
5B	RHT-634-3403-5B-XXX
8	RHT-634-3403-08-XXX

Wiring Diagram



M12 Tee Type Splitter Power-Tap Cable



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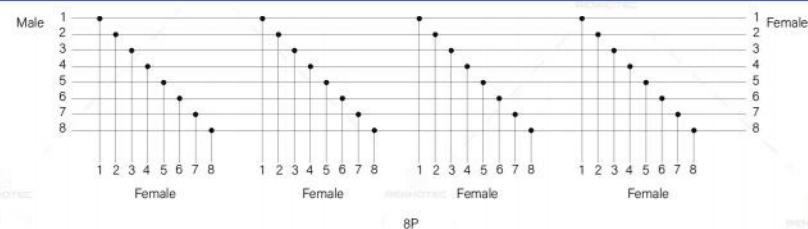
Specification

Number of positions	3	4	4D	5	5B	8
Insert arrangement (Female)						
Insert arrangement (Male)						
Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded
Rated current	4A					2A
Rated voltage	250V			60V		30V
Wire gauge	22AWG/0.34mm ²					24AWG/0.25mm ²
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25 C ~ +80 C					
Protection rating	IP67 (Mated)					
Body material	PVC					
Screw nut material	Zinc Alloy, Electroless Nickel					
Insulation material	PA66+GF					
Contact material	Brass, Gold Plated					
Cable material	PVC/PUR/Customized					
Cable Colour	Violet/Customized					
Seal	FKM					
Shielding	Shielded					
Mating cycles	≥500					

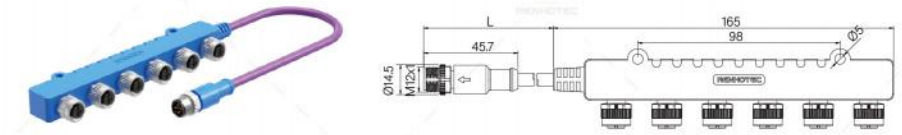
Part Number

Number of positions	4 Way Female
3	RHT-634-3404-03-XXX
4	RHT-634-3404-04-XXX
4D	RHT-634-3404-4D-XXX
5	RHT-634-3404-05-XXX
5B	RHT-634-3404-5B-XXX
8	RHT-634-3404-08-XXX

Wiring Diagram



M12 Tee Type Splitter Power-Tap Cable



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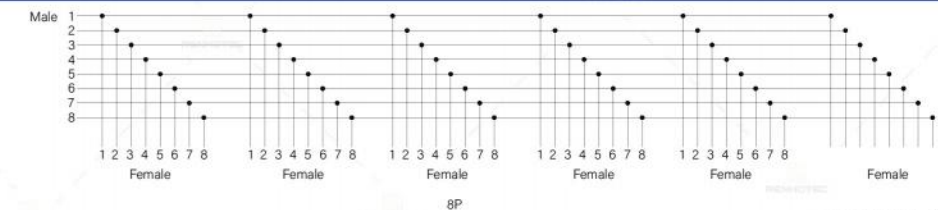
Specification

Number of positions	3	4	4D	5	5B	8
Insert arrangement (Female)						
Insert arrangement (Male)						
Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded
Rated current	4A					2A
Rated voltage	250V			60V		30V
Wire gauge	22AWG/0.34mm ²					24AWG/0.25mm ²
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25 C ~ +80 C					
Protection rating	IP67 (Mated)					
Body material	PVC					
Screw nut material	Zinc Alloy, Electroless Nickel					
Insulation material	PA66+GF					
Contact material	Brass, Gold Plated					
Cable material	PVC/PUR/Customized					
Cable Colour	Violet/Customized					
Seal	FKM					
Shielding	Shielded					
Mating cycles	≥500					

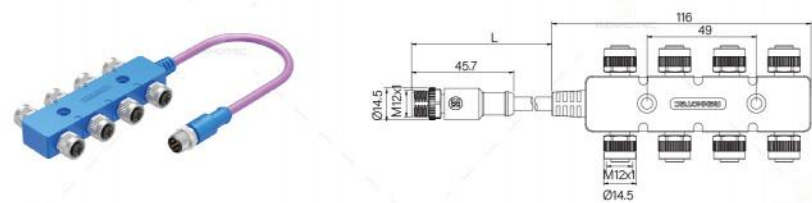
Part Number

Number of positions	6 Way Female
3	RHT-634-3405-03-XXX
4	RHT-634-3405-04-XXX
4D	RHT-634-3405-4D-XXX
5	RHT-634-3405-05-XXX
5B	RHT-634-3405-5B-XXX
8	RHT-634-3405-08-XXX

Wiring Diagram



M12 Tee Type Splitter Power-Tap Cable



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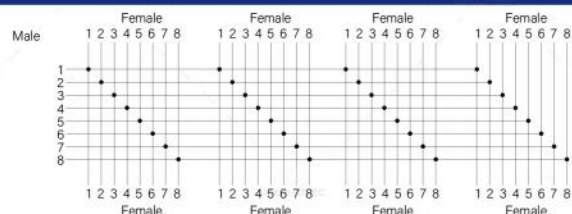
Specification

Number of positions	3	4	4D	5	5B	8
Insert arrangement (Female)						
Insert arrangement (Male)						
Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded
Rated current	4A					2A
Rated voltage	250V			60V		30V
Rated voltage	22AWG/0.34mm ²					24AWG/0.25mm ²
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25°C ~ +80°C					
Protection rating	IP67 (Mated)					
Body material	PVC					
Screw nut material	Zinc Alloy, Electroless Nickel					
Insulation material	PA66+GF					
Contact material	Brass, Gold Plated					
Cable material	PVC/PUR/Customized					
Cable Colour	Violet/Customized					
Seal	FKM					
Shielding	Shielded					
Mating cycles	≥500					

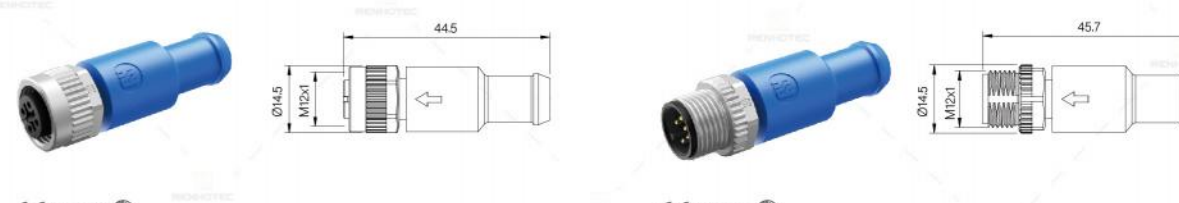
Part Number

Number of positions	8 Way Female
3	RHT-634-3406-03-XXX
4	RHT-634-3406-04-XXX
4D	RHT-634-3406-4D-XXX
5	RHT-634-3406-05-XXX
5B	RHT-634-3406-5B-XXX
8	RHT-634-3406-08-XXX

Wiring Diagram



M12 Terminator with 120 Ohm Resistor



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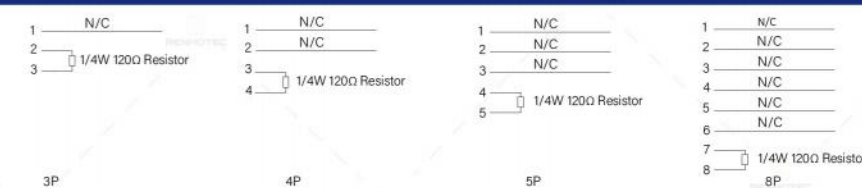
Specification

Number of positions	3	4	4D	5	5B	8
Insert arrangement (Female)						
Insert arrangement (Male)						
Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded
Rated current	4A					2A
Rated voltage	250V			60V		30V
Wire gauge	22AWG/0.34mm ²					24AWG/0.25mm ²
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25°C ~ +80°C					
Protection rating	IP67 (Mated)					
Body material	PVC					
Screw nut material	Zinc Alloy, Electroless Nickel					
Insulation material	PA66+GF					
Contact material	Brass, Gold Plated					
Resistor	1/4W 120Ω±1%					
Seal	FKM					
Shielding	Shielded					
Mating cycles	≥500					

Part Number

Number of positions	Female	Male
3	RHT-634-3409-03	RHT-634-3408-03
4	RHT-634-3409-04	RHT-634-3408-04
4D	RHT-634-3409-4D	RHT-634-3408-4D
5	RHT-634-3409-05	RHT-634-3408-05
5B	RHT-634-3409-5B	RHT-634-3408-5B
8	RHT-634-3409-08	RHT-634-3408-08

Wiring Diagram



M12 Terminator with 120 Ohm Resistor, Plastic



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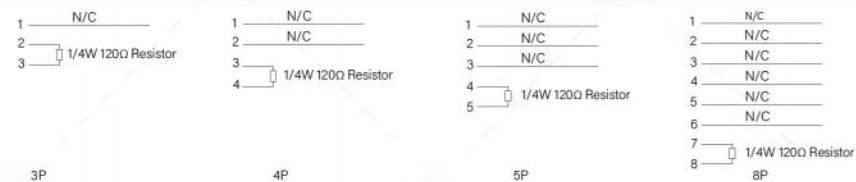
Specification

Number of positions	3	4	4D	5	5B	8
Insert arrangement (Female)						
Insert arrangement (Male)						
Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded
Rated current	4A					2A
Rated voltage	250V			60V		30V
Wire gauge	22AWG/0.34mm ²					24AWG/0.25mm ²
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25°C ~ +80°C					
Protection rating	IP67 (Mated)					
Body material	PVC					
Screw nut material	PA66+GF					
Insulation material	PA66+GF					
Contact material	Brass, Gold Plated					
Resistor	1/4W 120Ω±1%					
Seal	FKM					
Shielding	Unshielded					
Mating cycles	≥500					

Part Number

Number of positions	Female	Male
3	RHT-634-3411-03	RHT-634-3412-03
4	RHT-634-3411-04	RHT-634-3412-04
4D	RHT-634-3411-4D	RHT-634-3412-4D
5	RHT-634-3411-05	RHT-634-3412-05
5B	RHT-634-3411-5B	RHT-634-3412-5B
8	RHT-634-3411-08	RHT-634-3412-08

Wiring Diagram



M12 Series



X Code

Product Features

- Compliance with IEC61076-2-109 standard.
- Data transmission up to 10 Gbit/s.
- 360° EMC shielded version available.
- Use of Cat6 wire for network and fieldbus systems.
- Cable length, material and color can be customized.



M12 X Code General Specifications

Interface Code type	Pins	Rated current	Rated voltage		Wire gauge		Female Contact	Male Contact
			A/C	D/C	AWG	mm ²		
X-Code	8	0.5A	60V	60V	24	0.25		

M12 Wiring

Female Contact	Wiring Colours and Sequences				Male Contact		
	Rated current	Rated voltage	Wire gauge	Contacts			
	0.5A	60V	24	0.25	1	WH,OG	
					2	OG	
					3	WH,GN	
					4	GN	
					5	WH,BN	
					6	BN	
					7	WH,BU	
					8	BU	


M12 Field Assembly Connector, Solder Cup, Straight



Specification

Number of positions 8

Insert arrangement (Female) 

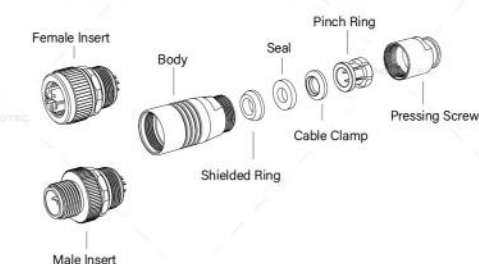
Insert arrangement (Male) 

Coded	X-Coded
Rated current	0.5A
Rated voltage	60V
Wire gauge	24AWG/0.25mm ²
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +80 C
Protection rating	IP67 (Mated)
Body material	Brass, Chrome Plated
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

Part Number

	Female	Male
Number of positions		
8	RHT-634-1193-8X	RHT-634-1294-8X

Component Part



M12 Field Assembly Connector, Crimp, Straight



Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)

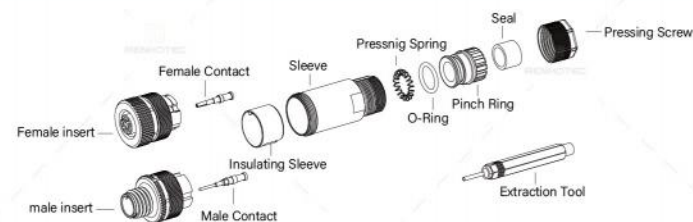


Coded	X-Coded
Rated current	0.5A
Rated voltage	60V
Wire gauge	24AWG/0.25mm ²
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +80 C
Protection rating	IP67 (Mated)
Body material	Zinc Alloy, Nickel Plated
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Crimp
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

Part Number

Number of positions	Female	Male
8	RHT-634-3314-8X	RHT-634-3052-8X

Component Part



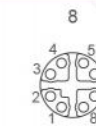
M12 Field Assembly Connector, Angled



Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)

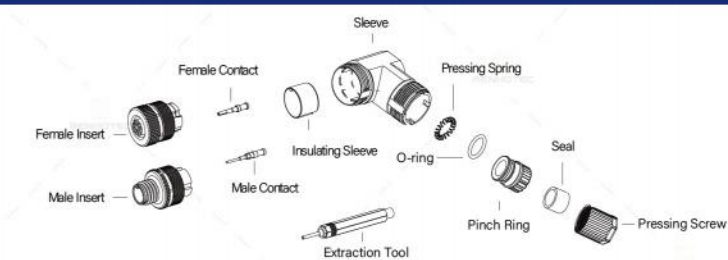


Coded	X-Coded
Rated current	0.5A
Rated voltage	60V AC/DC
Wire gauge	24AWG/0.25mm ²
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +80 C
Protection rating	IP67 (Mated)
Body material	Zinc Alloy, Nickel Plated
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Crimp/Solder Cup
Contact material	Brass, Gold Plated
Seal	Silica gel
Shielding	Shielded
Mating cycles	≥500

Part Number

Number of positions	Female(Solder Cup)	Male(Crimp)
8	RHT-634-3276-8X	RHT-634-3275-8X

Component Part



M12 Panel Mount Receptacle, Rear Fastened, Solder Cup, Straight



Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)



Coded	X-Coded
Rated current	0.5A
Rated voltage	60V AC/DC
Wire gauge	24AWG/0.25mm ²
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 °C ~ +80 °C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Shielding bracket material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

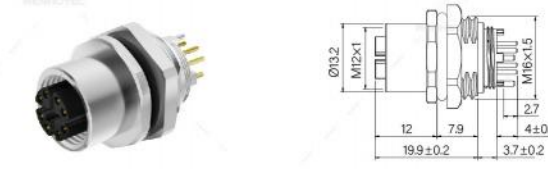
Part Number

Number of positions	Female
8	RHT-634-3296-8X

Wiring Colours and Sequences

Position	Color
Pin 1	White / Orange
Pin 2	Orange
Pin 3	White / Green
Pin 4	Green
Pin 5	White / Brown
Pin 6	Brown
Pin 7	White / Blue
Pin 8	Blue

M12 Panel Mount Receptacle, Rear Fastened, PCB Type, Straight



Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)

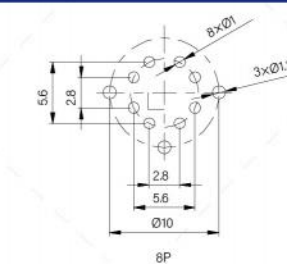


Coded	X-Coded
Rated current	0.5A
Rated voltage	60V AC/DC
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 °C ~ +80 °C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Shielding bracket material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact termination	PCB Solder
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

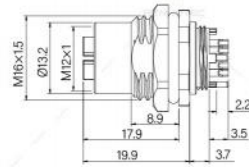
Part Number

Number of positions	Female
8	RHT-634-3028-8X

PCB Layout



M12 Panel Mount Receptacle, Front Fastened, Solder Cup, Straight



Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)



Coded	X-Coded
Rated current	0.5A
Rated voltage	60V AC/DC
Wire gauge	24AWG/0.25mm ²
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 °C ~ +80 °C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Shielding bracket material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

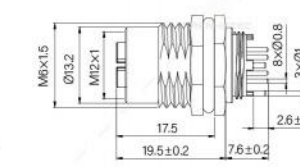
Part Number

Number of positions	Female
8	RHT-634-1495-8X

Wiring Colours and Sequences

Position	Colour
Pin 1	White/Orange
Pin 2	Orange
Pin 3	White/Green
Pin 4	Green
Pin 5	White/Brown
Pin 6	Brown
Pin 7	White/Blue
Pin 8	Blue

M12 Panel Mount Receptacle, Front Fastened, PCB Type, Straight



Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)

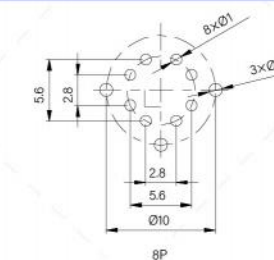


Coded	X-Coded
Rated current	0.5A
Rated voltage	60V AC/DC
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 °C ~ +80 °C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Shielding bracket material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact termination	PCB Solder
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

Part Number

Number of positions	Female
8	RHT-634-3092-8X

PCB Layout



M12 Panel Mount Receptacle, Front Fastened, Solder Cup, Straight



CE RoHS

CE RoHS

Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)



Coded	X-Coded
Rated current	0.5A
Rated voltage	60V AC/DC
Wire gauge	24AWG/0.25mm ²
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +80 C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Shielding bracket material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

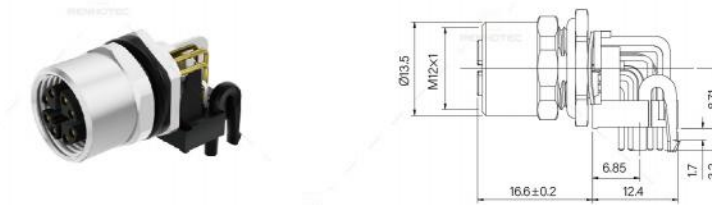
Part Number

Number of positions	Female	Male
8	RHT-634-3297-8X	RHT-634-3532-8X

Wiring Colours and Sequences

Position	Colour
Pin 1	White/Orange
Pin 2	Orange
Pin 3	White/Green
Pin 4	Green
Pin 5	White/Brown
Pin 6	Brown
Pin 7	White/Blue
Pin 8	Blue

M12 Panel Mount Receptacle, Front Fastened, PCB Type, Angled



CE RoHS

Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)

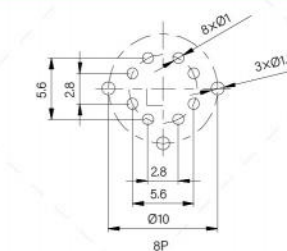


Coded	X-Coded
Rated current	0.5A
Rated voltage	60V AC/DC
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +80 C
Protection rating	IP67 (Mated)
Body material	Copper, Nickel Plated
Shielding bracket material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact termination	PCB Solder
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

Part Number

Number of positions	Female
8	RHT-634-1496-8X

PCB Layout



M12 Panel Mount Receptacle with Wires, Rear Fastened, Straight



Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)

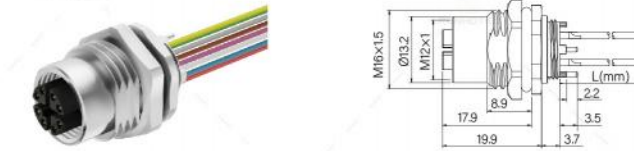


Coded	X-Coded
Rated current	0.5A
Rated voltage	60V AC/DC
Wire gauge	24AWG/0.25mm ²
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +80 C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Shielding bracket material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Wires material	PVC
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

Number of positions	Wire Length	Female
8	0.3m	RHT-634-3296-8X-030
	Customized	RHT-634-3296-8X-XXX

M12 Panel Mount Receptacle with Wires, Front Fastened, Straight



Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)



Coded	X-Coded
Rated current	0.5A
Rated voltage	60V AC/DC
Wire gauge	24AWG/0.25mm ²
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +80 C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Shielding bracket material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Wires material	PVC
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

Number of positions	Wire Length	Female
8	0.3m	RHT-634-1495-8X-030
	Customized	RHT-634-1495-8X-XXX

M12 Panel Mount Receptacle with Wires, Front Fastened, Straight



Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)



Coded	X-Coded
Rated current	0.5A
Rated voltage	60V AC/DC
Wire gauge	24AWG/0.25mm ²
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-20 C ~ +80 C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Shielding bracket material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Wire material	PVC
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

Part Number

Number of positions	Wire Length	Female	Male
8	0.3m	RHT-634-3297-8X-030	RHT-634-3532-8X-030
	Customized	RHT-634-3297-8X-XXX	RHT-634-3532-8X-XXX

M12 Single-ended Cable with CAT6A S/FTP Ethernet, EMI-Shielded, Straight



Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)



Coded	X-Coded
Rated current	0.5A
Rated voltage	60V AC/DC
Wire gauge	24AWG/0.25mm ²
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-20 C ~ +80 C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Shielding bracket material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Cable material	PVC/PUR/Customized
Seal	NBR, Black
Shielding	EMI-Shielded
Mating cycles	≥500

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
8	1m	RHT-605-10151-8X-C-100	RHT-605-10151-8X-R-100	RHT-605-10142-8X-C-100	RHT-605-10142-8X-R-100
	Customized	RHT-605-10151-8X-C-XXX	RHT-605-10151-8X-R-XXX	RHT-605-10142-8X-C-XXX	RHT-605-10142-8X-R-XXX

M12 Single-ended Cable with CAT6A S/FTP Ethernet , EMI-Shielded, Angled



Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)



Coded	X-Coded
Rated current	0.5A
Rated voltage	60V AC/DC
Wire gauge	24AWG/0.25mm ²
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-20 C ~ +80 C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Shielding bracket material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Cable material	PVC/PUR/Customized
Seal	NBR, Black
Shielding	EMI-Shielded
Mating cycles	≥500

Part Number

Number of positions	Cable Length	Male	
		PVC	PUR
8	1m	RHT-605-10143-8X-C-100	RHT-605-10143-8X-R-100
	Customized	RHT-605-10143-8X-C-XXX	RHT-605-10143-8X-R-XXX

M12 Splitter, to RJ45 Female, Straight



Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)



Coded	X-Coded
Rated current	0.5A
Rated voltage	50V AC/60V DC
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +80 C
Protection rating	IP67 (Mated)
Body material	PVC
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

Part Number

Number of positions	Female	Male
8	RHT-634-3450-8X	RHT-634-3449-8X

Wiring Diagram



M12 Splitter, to RJ45 Female, Angled



CE RoHS

CE RoHS

Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)

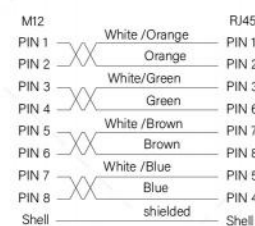


Coded	X-Coded
Rated current	0.5A
Rated voltage	50V AC/60V DC
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67 (Mated)
Body material	PVC
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

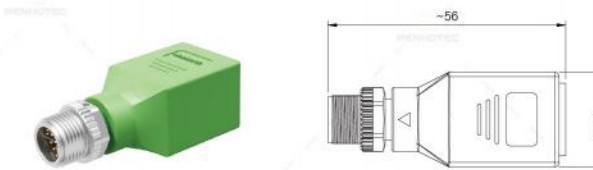
Part Number

Number of positions	Female	Male
8	RHT-634-3452-08	RHT-634-3451-08

Wiring Diagram



M12 Splitter, to RJ45 Female, Straight



CE RoHS

Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)

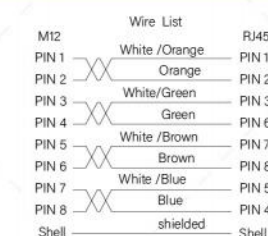


Coded	X-Coded
Rated current	0.5A
Rated voltage	50V AC/60V DC
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67 (Mated)
Body material	PVC
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

Part Number

Number of positions	Male
8	RHT-634-3478-8X

Wiring Diagram



M12 Series

Power

Product Features

- Compliance with IEC61076-2-111 standard.
- Rated current: 16A, rated voltage: 800V.
- 360° EMC shielded version available.
- For AC and DC, anti-wrong plugging.
- Cable length, material and color can be customized.



High - Power

Supports 16A/630V for industrial power demands.

Heat - Optimized

Thick conductors and heat - resistant materials ensure long - term stability.

Anti - Misplug

Keyed coding and pin layouts prevent cross - connections, reducing failures.



M12 Power General Specifications

Interface Code type	Pins	Rated current	Rated voltage		Wire gauge		Female Contact	Male Contact
			A/C	D/C	AWG	mm ²		
S-Code	3	12A	630V	630V	16	1.5		
	4	12A	630V	630V	16	1.5		
T-Code	2	12A	60V	60V	16	1.5		
	2+PE	12A	60V	60V	16	1.5		
	3+PE	12A	60V	60V	16	1.5		
K-Code	2	16A	800V	800V	16	2.5		
	2+PE	16A	800V	800V	16	2.5		
	3+PE	16A	800V	800V	16	2.5		
	4+PE	16A	800V	800V	16	2.5		
L-Code	2	16A	63V	63V	14	2.5		
	2+PE	16A	63V	63V	14	2.5		
	3	16A	63V	63V	14	2.5		
	3+PE	16A	63V	63V	14	2.5		
	4	16A	63V	63V	14	2.5		
	4+PE	16A	63V	63V	14	2.5		

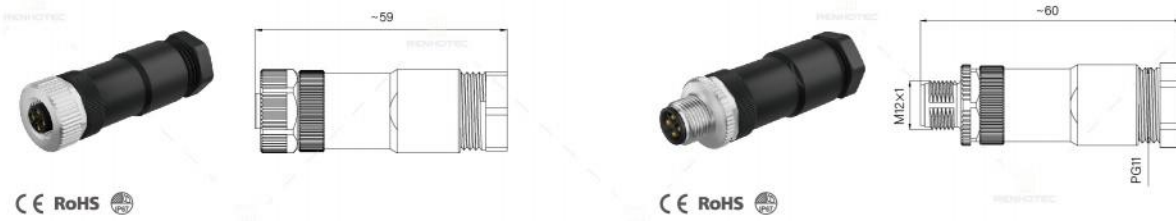
M12 Power General Specifications

Interface Code type	Pins	Rated current	Rated voltage		Wire gauge		Female Contact	Male Contact
			A/C	D/C	AWG	mm ²		
M-Code	2	8A	630V	630V	16	1.5		
	2+PE	8A	630V	630V	16	1.5		
	3+PE	8A	630V	630V	16	1.5		
	4+PE	8A	630V	630V	16	1.5		
	5+PE	8A	630V	630V	16	1.5		

M12 Power Series Wiring

Female/Male Contact	Wiring Colours and Sequences	
T-Coded K-Coded L-Coded M-Coded	Contacts	Wire Colours
		(2Pin)
	1	BK
	2	BK
S-Coded T-Coded K-Coded L-Coded M-Coded	Contacts	Wire Colours
		(2+PE)
	1	BK
	2	BK
PE		GNYE
L-Coded	Contacts	Wire Colours
		(3Pin)
	1	BK
	2	BK
3		BK
S-Coded T-Coded K-Coded L-Coded M-Coded	Contacts	Wire Colours
		(3+PE)
	1	BK
	2	BK
3		BK
		GNYE
PE		
L-Coded	Contacts	Wire Colours
		(4Pin)
	1	BN
	2	WH
3		BU
		BK
4		
L-Coded M-Coded	Contacts	Wire Colours
		(4+PE)
	1	BN
	2	WH
3		BU
		BK
4		BK
		GY
PE		
K-Coded	Contacts	Wire Colours
		(4+PE, K-Code)
	1	BK
	2	BK
3		BK
		BK
4		BK
		GNYE
PE		
M-Coded	Contacts	Wire Colours
		(5+PE, M-Code)
	1	BK
	2	BK
3		BK
		BK
4		BK
		BK
5		BK

M12 Field Assembly Connector, Screw Termination, Straight



CE RoHS

CE RoHS

Specification

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +80 C
Protection rating	IP67 (Mated)
Body material	PA66
Screw nut material	Zinc, Nickel Plated
Insulation material	PA66+GF
Contact termination	Screw Termination
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

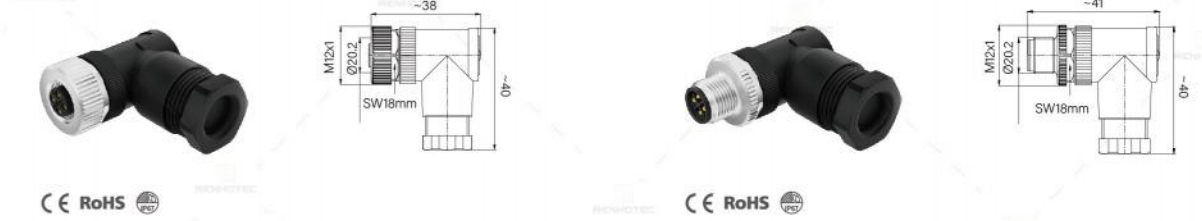
RHT -634-XXXX -S03

Code: Pin
 S: 03, 04
 T: 02,2+PE,3+PE
 K: 02,2+PE,3+PE,4+PE
 L: 02,2+PE,03,3+PE,04,4+PE
 M: 02,2+PE,3+PE,4+PE,5+PE

Model Number
 Female: 634-3187
 Male: 634-3186

RENHOTEC

M12 Field Assembly Connector, Screw Termination, Angled



CE RoHS

CE RoHS

Specification

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +80 C
Protection rating	IP67 (Mated)
Body material	PA66
Screw nut material	Zinc, Nickel Plated
Insulation material	PA66+GF
Contact termination	Screw Termination
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

RHT -634-XXXX -S03

Code: Pin
 S: 03, 04
 T: 02,2+PE,3+PE
 K: 02,2+PE,3+PE,4+PE
 L: 02,2+PE,03,3+PE,04,4+PE
 M: 02,2+PE,3+PE,4+PE,5+PE

Model Number
 Female: 634-3564
 Male: 634-3563

RENHOTEC

M12 Field Assembly Connector, Solder Cup, Straight



Specification	
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +80 C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

Part Number		
RHT	-634-XXXX	-S03
<p>Code: Pin S: 03, 04 T: 02,2+PE,3+PE K: 02,2+PE,3+PE,4+PE L: 02,2+PE,03,3+PE,04,4+PE M: 02,2+PE,3+PE,4+PE,5+PE</p> <p>Model Number Female: 634-3539 Male: 634-3538</p>		
RENHOTEC		

M12 Panel Mount Receptacle, Front Fastened, Solder Cup, Straight



Specification	
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +80 C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number		
RHT	-634-XXXX	-S03
<p>Code: Pin S: 03, 04 T: 02,2+PE,3+PE K: 02,2+PE,3+PE,4+PE L: 02,2+PE,03,3+PE,04,4+PE M: 02,2+PE,3+PE,4+PE,5+PE</p> <p>Model Number Female: 634-3298 Male: 634-3300</p>		
RENHOTEC		

M12 Panel Mount Receptacle, Rear Fastened, Solder Cup, Straight



CE RoHS

CE RoHS

Specification

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

RHT -634-XXXX -S03

Code: Pin
 S: 03, 04
 T: 02,2+PE,3+PE
 K: 02,2+PE,3+PE,4+PE
 L: 02,2+PE,03,3+PE,04,4+PE
 M: 02,2+PE,3+PE,4+PE,5+PE

Model Number
 Female: 634-3219
 Male: 634-3218

RENHOTEC

M12 Panel Mount Receptacle, Flange Fastened, Solder Cup, Straight



CE RoHS

CE RoHS

Specification

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-20°C ~ +80°C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

RHT -634-XXXX -S03

Code: Pin
 S: 03, 04
 T: 02,2+PE,3+PE
 K: 02,2+PE,3+PE,4+PE
 L: 02,2+PE,03,3+PE,04,4+PE
 M: 02,2+PE,3+PE,4+PE,5+PE

Model Number
 Female: 634-3302
 Male: 634-3301

RENHOTEC

M12 Panel Mount Receptacle, Front Fastened, PCB Type, Straight



CE RoHS

CE RoHS

Specification

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 °C ~ +80 °C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	PCB Solder
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

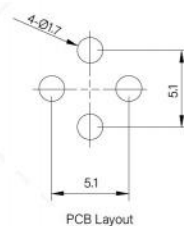
RHT -634-XXXX -S03

Code: Pin
 S: 03, 04
 T: 02,2+PE,3+PE
 K: 02,2+PE,3+PE,4+PE
 L: 02,2+PE,03,3+PE,04,4+PE
 M: 02,2+PE,3+PE,4+PE,5+PE

Model Number
 Female: 634-3299
 Male: 634-3250

RENHOTEC

Wiring Diagram



M12 Panel Mount Receptacle with Wires, Front Fastened, Straight



CE RoHS

CE RoHS

Specification

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-40 °C ~ +80 °C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Wire material	PVC
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

RHT -634-XXXX -S03 -XXX

Wire Length
 030 (0.3m)
 XXX (Customized)

Code: Pin
 S: 03, 04
 T: 02,2+PE,3+PE
 K: 02,2+PE,3+PE,4+PE
 L: 02,2+PE,03,3+PE,04,4+PE
 M: 02,2+PE,3+PE,4+PE,5+PE

Model Number
 Female: 634-3298
 Male: 634-3300

RENHOTEC

M12 Panel Mount Receptacle with Wires, Rear Fastened, Straight



Specification

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-20°C ~ +80°C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Wire material	PVC
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

RHT	-634-XXXX	-S03	-XXX	Wire Length 030 (0.3m) XXX (Customized)
				Code: Pin S: 03, 04 T: 02,2+PE,3+PE K: 02,2+PE,3+PE,4+PE L: 02,2+PE,03,3+PE,04,4+PE M: 02,2+PE,3+PE,4+PE,5+PE
				Model Number Female: 634-3219 Male: 634-3218
RENHOTEC				

M12 Panel Mount Receptacle with Wires, Flange Fastened, Straight



Specification

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-20°C ~ +80°C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Wire material	PVC
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

RHT	-634-XXXX	-S03	-XXX	Wire Length 030 (0.3m) XXX (Customized)
				Code: Pin S: 03, 04 T: 02,2+PE,3+PE K: 02,2+PE,3+PE,4+PE L: 02,2+PE,03,3+PE,04,4+PE M: 02,2+PE,3+PE,4+PE,5+PE
				Model Number Female: 634-3302 Male: 634-3301
RENHOTEC				

M12 Single-ended Cable, Straight



CE RoHS

CE RoHS

Specification

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-20 °C ~ +80 °C
Protection rating	IP67 (Mated)
Over-molding material	PVC/TPU
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Cable material	PVC/PUR/Customized
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

RHT	M12	-FS	-S03	-C	-XXX	Cable Length 100 (1m) XXX (Customized)
						Cable material C-PVC R-PUR
						Code: Pin S: 03, 04 T: 02,2+PE,3+PE K: 02,2+PE,3+PE,4+PE L: 02,2+PE,03,3+PE,04,4+PE M: 02,2+PE,3+PE,4+PE,5+PE
						Connector Type FS: Female Straight FR: Female Right Angled MS: Male Straight MR: Male Plug Right Angled
						Series
						RENHOTEC

M12 Single-ended Cable, Angled



CE RoHS

CE RoHS

Specification

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-20 °C ~ +80 °C
Protection rating	IP67 (Mated)
Over-molding material	PVC/TPU
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Cable material	PVC/PUR/Customized
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

RHT	M12	-FS	-S03	-C	-XXX	Cable Length 100 (1m) XXX (Customized)
						Cable material C-PVC R-PUR
						Code: Pin S: 03, 04 T: 02,2+PE,3+PE K: 02,2+PE,3+PE,4+PE L: 02,2+PE,03,3+PE,04,4+PE M: 02,2+PE,3+PE,4+PE,5+PE
						Connector Type FS: Female Straight FR: Female Right Angled MS: Male Straight MR: Male Plug Right Angled
						Series
						RENHOTEC

M12 Tee Type Splitter, Female to Male / Female



CE RoHS

Specification	
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67 (Mated)
Body material	PVC
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number		
RHT	-634-XXXX	-S03
<p>Code: Pin S: 03, 04 T: 02,2+PE,3+PE K: 02,2+PE,3+PE,4+PE L: 02,2+PE,03,3+PE,04,4+PE M: 02,2+PE,3+PE,4+PE,5+PE</p> <p>Model Number S: 3468 T: 3469 K: 3470 L: 3471</p>		
RENHOTEC		

M12 H Type Splitter, Female to Male Female

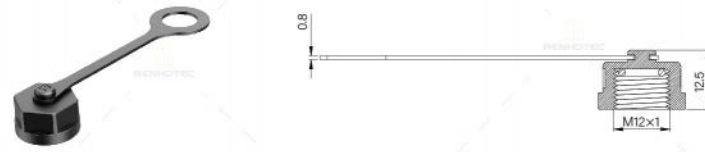


CE RoHS

Specification	
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67 (Mated)
Body material	PVC
Screw nut material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

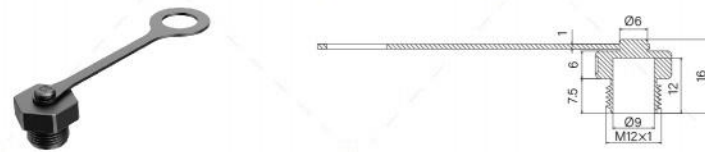
Part Number		
RHT	-634-XXXX	-S03
<p>Code: Pin S: 03, 04 T: 02,2+PE,3+PE K: 02,2+PE,3+PE,4+PE L: 02,2+PE,03,3+PE,04,4+PE M: 02,2+PE,3+PE,4+PE,5+PE</p> <p>Model Number S: 3472 T: 3473 K: 3474 L: 3475</p>		
RENHOTEC		

M12 Dust Cap for Male Connector, with Chain, Plastic



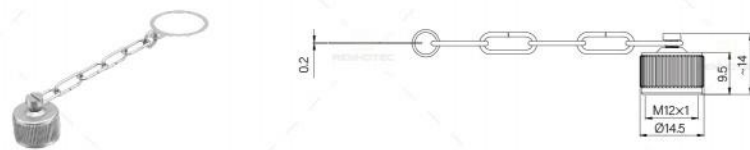
Specification	
Body material	PA66
Chain material	PU
Seal	NBR
Ordering No	RHT-700-0371

M12 Dust Cap for Female Connector, with Chain, Plastic



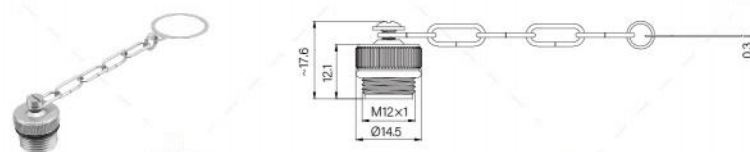
Specification	
Body material	PA66
Chain material	PU
Seal	NBR
Ordering No	RHT-700-0130

M12 Dust Cap for Male Connector, with Chain, Metal



Specification	
Body material	Brass, Nickel Plated
Chain material	Brass
Seal	NBR
Ordering No	RHT-700-0382

M12 Dust Cap for Female Connector, with Chain, Metal



Specification	
Body material	Brass, Nickel Plated
Chain material	Brass
Seal	NBR
Ordering No	RHT-700-0429



M16 Series

- Compliance with IEC61076 standard.
- Protection degree: IP40(Mated), IP67(Mated).
- 360° EMC shielded version available.
- Pin configurations: 2-24 positions.
- Cable length, material and colours can be customized.

M16 Electrical Parameters

Number of positions	Rated current	Rated voltage		Wire gauge		Insert arrangement	
		A/C	D/C	AWG	mm ²	Female	Male
2	7A	250V	32V	20	0.75		
3	7A	250V	32V	20	0.75		
4	6A	250V	32V	20	0.75		
5A	6A	250V	32V	20	0.75		
5B	6A	250V	32V	20	0.75		
6	5A	250V	32V	20	0.75		
7A	5A	125V	32V	20	0.75		
7B	5A	125V	32V	20	0.75		
8	5A	60V	32V	20	0.75		
12	3A	60V	32V	24	0.25		
14A	3A	60V	32V	24	0.25		
14B	3A	60V	32V	24	0.25		
16	3A	60V	32V	24	0.25		
19	3A	60V	32V	24	0.25		
24	1A	60V	32V	26	0.14		

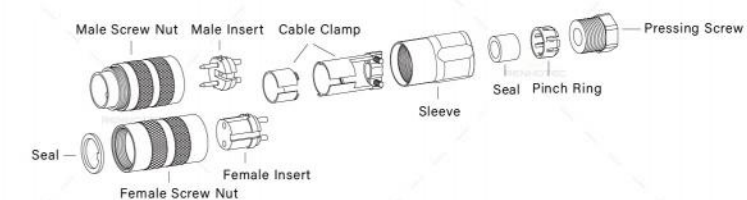
M16 Field Assembly Connector, Solder Cup, Straight, PG



Specification	
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-40°C ~ +85°C
Protection rating	IP67(Mated)
Body material	Brass, Nickel plated
Pressing screw material	PA66
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

Part Number		
Number of positions	Female	Male
2	RHT-634-3386-02	RHT-634-3385-02
3	RHT-634-3386-03	RHT-634-3385-03
4	RHT-634-3386-04	RHT-634-3385-04
5A	RHT-634-3386-5A	RHT-634-3385-5A
5B	RHT-634-3386-5B	RHT-634-3385-5B
6	RHT-634-3386-06	RHT-634-3385-06
7A	RHT-634-3386-7A	RHT-634-3385-7A
7B	RHT-634-3386-7B	RHT-634-3385-7B
8	RHT-634-3386-08	RHT-634-3385-08
12	RHT-634-3386-12	RHT-634-3385-12
14A	RHT-634-3386-14A	RHT-634-3385-14A
14B	RHT-634-3386-14B	RHT-634-3385-14B
16	RHT-634-3386-16	RHT-634-3385-16
19	RHT-634-3386-19	RHT-634-3385-19

Component Part



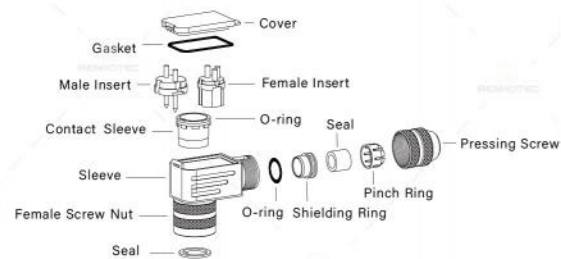
M16 Field Assembly Connector, Solder Cup, Angled



Specification	
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +85 C
Protection rating	IP67 (Mated)
Body material	Brass, Trinary Alloy plated
Screw nut material	Brass, Trinary Alloy plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

Part Number		
Number of positions	Female	Male
2	RHT-634-3184-02	RHT-634-3086-02
3	RHT-634-3184-03	RHT-634-3086-03
4	RHT-634-3184-04	RHT-634-3086-04
5A	RHT-634-3184-5A	RHT-634-3086-5A
5B	RHT-634-3184-5B	RHT-634-3086-5B
6	RHT-634-3184-06	RHT-634-3086-06
7A	RHT-634-3184-7A	RHT-634-3086-7A
7B	RHT-634-3184-7B	RHT-634-3086-7B
8	RHT-634-3184-08	RHT-634-3086-08
12	RHT-634-3184-12	RHT-634-3086-12
14A	RHT-634-3184-14A	RHT-634-3086-14A
14B	RHT-634-3184-14B	RHT-634-3086-14B
16	RHT-634-3184-16	RHT-634-3086-16
19	RHT-634-3184-19	RHT-634-3086-19
24	RHT-634-3184-24	RHT-634-3086-24

Component Part



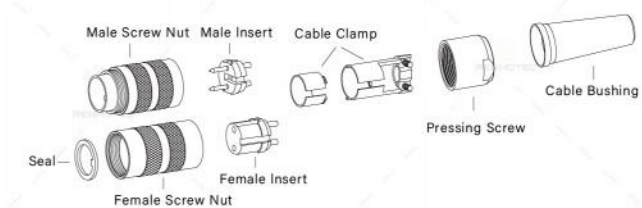
M16 Field Assembly Connector, Solder Cup, Straight



Specification	
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-40 C ~ +85 C
Protection rating	IP40
Body material	Brass, Nickel plated
Pressing screw material	PA66
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold plated
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number		
Number of positions	Female	Male
2	RHT-634-3384-02	RHT-634-3383-02
3	RHT-634-3384-03	RHT-634-3383-03
4	RHT-634-3384-04	RHT-634-3383-04
5A	RHT-634-3384-5A	RHT-634-3383-5A
5B	RHT-634-3384-5B	RHT-634-3383-5B
6	RHT-634-3384-06	RHT-634-3383-06
7A	RHT-634-3384-7A	RHT-634-3383-7A
7B	RHT-634-3384-7B	RHT-634-3383-7B
8	RHT-634-3384-08	RHT-634-3383-08
12	RHT-634-3384-12	RHT-634-3383-12
14A	RHT-634-3384-14A	RHT-634-3383-14A
14B	RHT-634-3384-14B	RHT-634-3383-14B
16	RHT-634-3384-16	RHT-634-3383-16
19	RHT-634-3384-19	RHT-634-3383-19

Component Part



M16 Panel Mount Receptacle, Front Fastened, Solder Cup



CE RoHS

CE RoHS

Specification	
Insulation resistance	≥100MΩ
Contact resistance	≤3mΩ / ≤5mΩ
Temperature range	-20°C ~ +80°C
Protection rating	IP67(Mated)
Body material	Brass, Nickel plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass
Contact finish	Gold
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number		
Number of positions	Female	Male
2	RHT-634-3084-02	RHT-634-3081-02
3	RHT-634-3084-03	RHT-634-3081-03
4	RHT-634-3084-04	RHT-634-3081-04
5A	RHT-634-3084-5A	RHT-634-3081-5A
5B	RHT-634-3084-5B	RHT-634-3081-5B
6	RHT-634-3084-06	RHT-634-3081-06
7A	RHT-634-3084-7A	RHT-634-3081-7A
7B	RHT-634-3084-7B	RHT-634-3081-7B
8	RHT-634-3084-08	RHT-634-3081-08
12	RHT-634-3084-12	RHT-634-3081-12
14A	RHT-634-3084-14A	RHT-634-3081-14A
14B	RHT-634-3084-14B	RHT-634-3081-14B
16	RHT-634-3084-16	RHT-634-3081-16
19	RHT-634-3084-19	RHT-634-3081-19
24	RHT-634-3084-24	RHT-634-3081-24

M16 Panel Mount Receptacle, Rear Fastened, Solder Cup



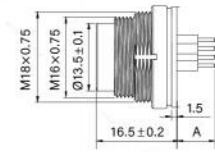
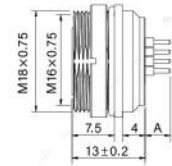
CE RoHS

CE RoHS

Specification	
Insulation resistance	≥100MΩ
Contact resistance	≤3mΩ / ≤5mΩ
Temperature range	-20°C ~ +80°C
Protection rating	IP67(Mated)
Body material	Brass, Nickel plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass
Contact finish	Gold
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number		
Number of positions	Female	Male
2	RHT-634-3085-02	RHT-634-3082-02
3	RHT-634-3085-03	RHT-634-3082-03
4	RHT-634-3085-04	RHT-634-3082-04
5A	RHT-634-3085-5A	RHT-634-3082-5A
5B	RHT-634-3085-5B	RHT-634-3082-5B
6	RHT-634-3085-06	RHT-634-3082-06
7A	RHT-634-3085-7A	RHT-634-3082-7A
7B	RHT-634-3085-7B	RHT-634-3082-7B
8	RHT-634-3085-08	RHT-634-3082-08
12	RHT-634-3085-12	RHT-634-3082-12
14A	RHT-634-3085-14A	RHT-634-3082-14A
14B	RHT-634-3085-14B	RHT-634-3082-14B
16	RHT-634-3085-16	RHT-634-3082-16
19	RHT-634-3085-19	RHT-634-3082-19
24	RHT-634-3085-24	RHT-634-3082-24

M16 Panel Mount Receptacle, Front Fastened, PCB Type



CE RoHS

CE RoHS

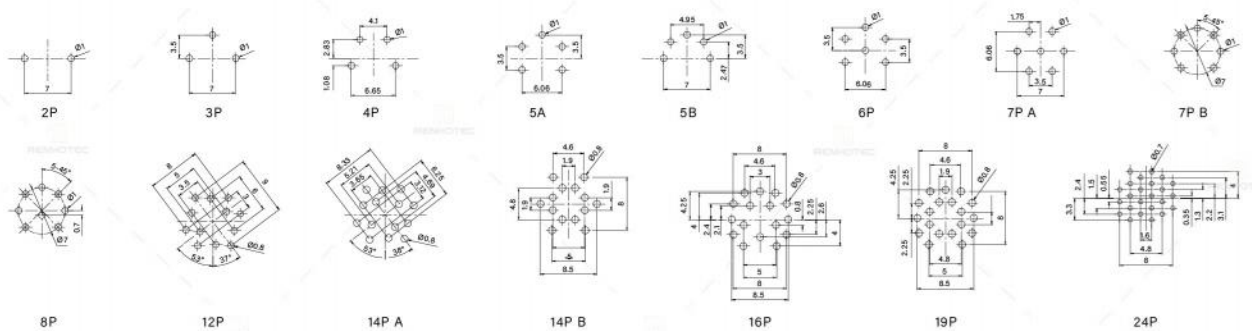
Specification

Insulation resistance	≥100MΩ
Contact resistance	≤3mΩ / ≤5mΩ
Temperature range	-20 C ~ +80 C
Protection rating	IP67 (Mated)
Body material	Brass, Nickel plated
Insulation material	PA66+GF
Contact termination	PCB Solder
Contact material	Brass
Contact finish	Gold
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

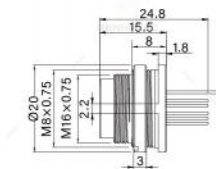
Part Number

Number of positions	Female	Male
2	RHT-634-3106-02	RHT-634-3198-02
3	RHT-634-3106-03	RHT-634-3198-03
4	RHT-634-3106-04	RHT-634-3198-04
5A	RHT-634-3106-5A	RHT-634-3198-5A
5B	RHT-634-3106-5B	RHT-634-3198-5B
6	RHT-634-3106-06	RHT-634-3198-06
7A	RHT-634-3106-7A	RHT-634-3198-7A
7B	RHT-634-3106-7B	RHT-634-3198-7B
8	RHT-634-3106-08	RHT-634-3198-08
12	RHT-634-3106-12	RHT-634-3198-12
14A	RHT-634-3106-14A	RHT-634-3198-14A
14B	RHT-634-3106-14B	RHT-634-3198-14B
16	RHT-634-3106-16	RHT-634-3198-16
19	RHT-634-3106-19	RHT-634-3198-19
24	RHT-634-3106-24	RHT-634-3198-24

PCB Layout



M16 Panel Mount Receptacle, Front Fastened, PCB Type



CE RoHS

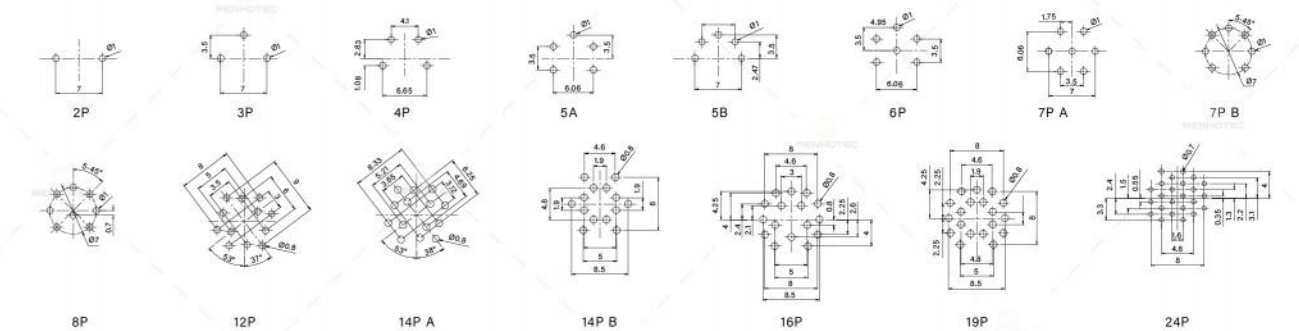
Specification

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-40 C ~ +85 C
Protection rating	IP40
Body material	Zinc, Nickel plated
Insulation material	PA66+GF
Contact termination	PCB Solder
Contact material	Brass
Contact finish	Gold
Shielding	Unshielded
Mating cycles	≥500

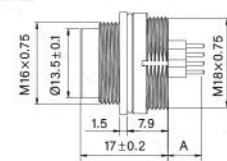
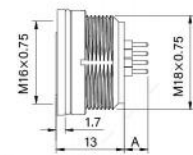
Part Number

Number of positions	Male
2	RHT-634-3651-02
3	RHT-634-3651-03
4	RHT-634-3651-04
5A	RHT-634-3651-5A
5B	RHT-634-3651-5B
6	RHT-634-3651-06
7A	RHT-634-3651-7A
7B	RHT-634-3651-7B
8	RHT-634-3651-08
12	RHT-634-3651-12
14A	RHT-634-3651-14A
14B	RHT-634-3651-14B
16	RHT-634-3651-16
19	RHT-634-3651-19
24	RHT-634-3651-24

PCB Layout



M16 Panel Mount Receptacle, Rear Fastened, PCB Type



CE RoHS

CE RoHS

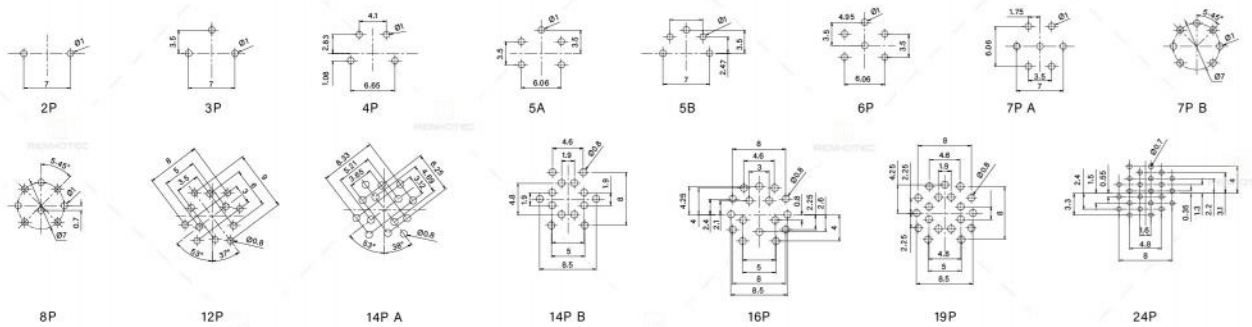
Specification

Insulation resistance	≥100MΩ
Contact resistance	≤3mΩ / ≤5mΩ
Temperature range	-20°C ~ +80°C
Protection rating	IP67(Mated)
Body material	Brass, Nickel plated
Insulation material	PA66+GF
Contact termination	PCB Solder
Contact material	Brass
Contact finish	Gold
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

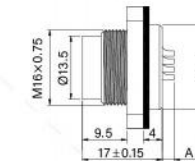
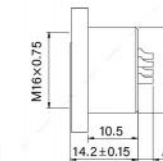
Part Number

Number of positions	Female	Male
2	RHT-634-3207-02	RHT-634-3199-02
3	RHT-634-3207-03	RHT-634-3199-03
4	RHT-634-3207-04	RHT-634-3199-04
5A	RHT-634-3207-5A	RHT-634-3199-5A
5B	RHT-634-3207-5B	RHT-634-3199-5B
6	RHT-634-3207-06	RHT-634-3199-06
7A	RHT-634-3207-7A	RHT-634-3199-7A
7B	RHT-634-3207-7B	RHT-634-3199-7B
8	RHT-634-3207-08	RHT-634-3199-08
12	RHT-634-3207-12	RHT-634-3199-12
14A	RHT-634-3207-14A	RHT-634-3199-14A
14B	RHT-634-3207-14B	RHT-634-3199-14B
16	RHT-634-3207-16	RHT-634-3199-16
19	RHT-634-3207-19	RHT-634-3199-19
24	RHT-634-3207-24	RHT-634-3199-24

PCB Layout



M16 Panel Mount Receptacle, Flange Fastened, Solder Cup



CE RoHS

CE RoHS

Specification

Insulation resistance	≥100MΩ
Contact resistance	≤3mΩ / ≤5mΩ
Temperature range	-20°C ~ +80°C
Protection rating	IP67(Mated)
Body material	Brass, Nickel plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass
Contact finish	Gold
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

Number of positions	Female	Male
2	RHT-634-3197-02	RHT-634-3188-02
3	RHT-634-3197-03	RHT-634-3188-03
4	RHT-634-3197-04	RHT-634-3188-04
5A	RHT-634-3197-5A	RHT-634-3188-5A
5B	RHT-634-3197-5B	RHT-634-3188-5B
6	RHT-634-3197-06	RHT-634-3188-06
7A	RHT-634-3197-7A	RHT-634-3188-7A
7B	RHT-634-3197-7B	RHT-634-3188-7B
8	RHT-634-3197-08	RHT-634-3188-08
12	RHT-634-3197-12	RHT-634-3188-12
14A	RHT-634-3197-14A	RHT-634-3188-14A
14B	RHT-634-3197-14B	RHT-634-3188-14B
16	RHT-634-3197-16	RHT-634-3188-16
19	RHT-634-3197-19	RHT-634-3188-19
24	RHT-634-3197-24	RHT-634-3188-24

M16 Wiring

Female Contact	Wiring Colours and Sequences		Male Contact
	Contacts	Wire Colours	
	1	RD	2
	2	BK	1
	Contacts	Wire Colours	
	1	BN	2
	2	BU	3
	3	BK	1
	Contacts	Wire Colours	
	1	BN	3
	2	WH	2
	3	BU	4
	4	BK	1
	Contacts	Wire Colours	
	1	BN	3
	2	WH	4
	3	BU	5
	4	BK	2
	5	GY	1
	Contacts	Wire Colours	
	1	WH	4
	2	BN	3
	3	GN	2
	4	YE	5
	5	GY	6
	6	PK	1
	Contacts	Wire Colours	
	1	WH	3
	2	BN	4
	3	GN	5
	4	YE	2
	5	GY	6
	6	PK	7
	7	BU	1
	Contacts	Wire Colours	
	1	WH	5
	2	BN	2
	3	GN	4
	4	YE	3
	5	GY	7
	6	PK	8
	7	BU	1
	8	RD	6
	Contacts	Wire Colours	
	1	WH	5
	2	BN	2
	3	GN	4
	4	YE	3
	5	GY	7
	6	PK	8
	7	BU	1
	8	RD	6
	9	OR	11
	10	TP	12
	11	BK	10
	12	VT	9

M16 Wiring

Female Contact	Wiring Colours and Sequences		Male Contact
	Contacts	Wire Colours	
	1	WH	1
	2	BK	2
	3	GN	3
	4	RD	4
	5	OR	5
	6	BU	6
	7	BN	7
	8	YE	8
	9	VT	9
	10	GY	10
	11	PK	11
	12	BK,WH	12
	13	BK,RD	13
	14	BK,GN	14
	Contacts	Wire Colours	
	1	WH	1
	2	BK	2
	3	GN	3
	4	RD	4
	5	OR	5
	6	BU	6
	7	BN	7
	8	YE	8
	9	VT	9
	10	GY	10
	11	PK	11
	12	BK,WH	12
	13	BK,RD	13
	14	BK,GN	14
	15	BK,YE	15
	16	BK,BN	16
	Contacts	Wire Colours	
	1	WH	1
	2	BK	2
	3	GN	3
	4	RD	4
	5	OR	5
	6	BU	6
	7	BN	7
	8	YE	8
	9	VT	9
	10	GY	10
	11	PK	11
	12	BK,WH	12
	13	BK,RD	13
	14	BK,GN	14
	15	BK,YE	15
	16	BK,BN	16
	17	BK,BU	17
	18	OR,WH	18
	19	GN,WH	19
	Contacts	Wire Colours	
	1-24	BK	1-24

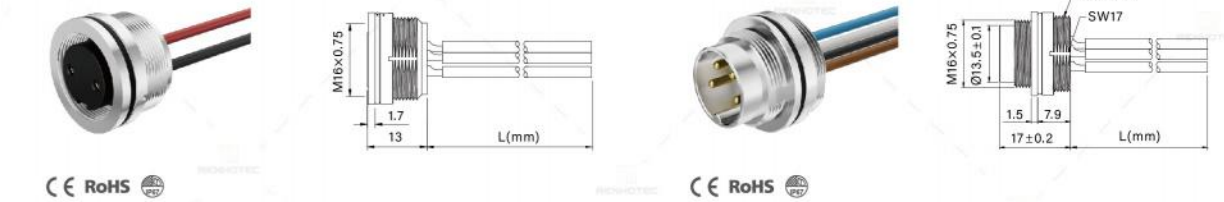
M16 Panel Mount Receptacle with Wires, Front Fastened, Straight



Specification	
Insulation resistance	≥100MΩ
Contact resistance	≤3mΩ / ≤5mΩ
Temperature range	-20 C ~ +80 C
Protection rating	IP67(Mated)
Body material	Brass, Nickel plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass
Contact finish	Gold
Wire material	PVC
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number			
Number of positions	Wire Length	Female	Male
2	0.3m	RHT-634-3084-02-030	RHT-634-3081-02-030
	Customized	RHT-634-3084-02-XXX	RHT-634-3081-02-XXX
3	0.3m	RHT-634-3084-03-030	RHT-634-3081-03-030
	Customized	RHT-634-3084-03-XXX	RHT-634-3081-03-XXX
4	0.3m	RHT-634-3084-04-030	RHT-634-3081-04-030
	Customized	RHT-634-3084-04-XXX	RHT-634-3081-04-XXX
5A	0.3m	RHT-634-3084-5A-030	RHT-634-3081-5A-030
	Customized	RHT-634-3084-5A-XXX	RHT-634-3081-5A-XXX
5B	0.3m	RHT-634-3084-5B-030	RHT-634-3081-5B-030
	Customized	RHT-634-3084-5B-XXX	RHT-634-3081-5B-XXX
6	0.3m	RHT-634-3084-06-030	RHT-634-3081-06-030
	Customized	RHT-634-3084-06-XXX	RHT-634-3081-06-XXX
7A	0.3m	RHT-634-3084-7A-030	RHT-634-3081-7A-030
	Customized	RHT-634-3084-7A-XXX	RHT-634-3081-7A-XXX
7B	0.3m	RHT-634-3084-7B-030	RHT-634-3081-7B-030
	Customized	RHT-634-3084-7B-XXX	RHT-634-3081-7B-XXX
8	0.3m	RHT-634-3084-08-030	RHT-634-3081-08-100
	Customized	RHT-634-3084-08-XXX	RHT-634-3081-08-XXX
12	0.3m	RHT-634-3084-12-030	RHT-634-3081-12-030
	Customized	RHT-634-3084-12-XXX	RHT-634-3081-12-XXX
14A	0.3m	RHT-634-3084-14A-030	RHT-634-3081-14A-030
	Customized	RHT-634-3084-14A-XXX	RHT-634-3081-14A-XXX
14B	0.3m	RHT-634-3084-14B-030	RHT-634-3081-14B-030
	Customized	RHT-634-3084-14B-XXX	RHT-634-3081-14B-XXX
16	0.3m	RHT-634-3084-16-030	RHT-634-3081-16-030
	Customized	RHT-634-3084-16-XXX	RHT-634-3081-16-XXX
19	0.3m	RHT-634-3084-19-030	RHT-634-3081-19-030
	Customized	RHT-634-3084-19-XXX	RHT-634-3081-19-XXX
24	0.3m	RHT-634-3084-24-030	RHT-634-3081-24-030
	Customized	RHT-634-3084-24-XXX	RHT-634-3081-24-XXX

M16 Panel Mount Receptacle with Wires, Rear Fastened, Straight



Specification	
Insulation resistance	≥100MΩ
Contact resistance	≤3mΩ / ≤5mΩ
Temperature range	-20 C ~ +80 C
Protection rating	IP67(Mated)
Body material	Brass, Nickel plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass
Contact finish	Gold
Wire material	PVC
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number			
Number of positions	Wire Length	Female	Male
2	0.3m	RHT-634-3085-02-030	RHT-634-3082-02-030
	Customized	RHT-634-3085-02-XXX	RHT-634-3082-02-XXX
3	0.3m	RHT-634-3085-03-030	RHT-634-3082-03-030
	Customized	RHT-634-3085-03-XXX	RHT-634-3082-03-XXX
4	0.3m	RHT-634-3085-04-030	RHT-634-3082-04-030
	Customized	RHT-634-3085-04-XXX	RHT-634-3082-04-XXX
5A	0.3m	RHT-634-3085-5A-030	RHT-634-3082-5A-030
	Customized	RHT-634-3085-5A-XXX	RHT-634-3082-5A-XXX
5B	0.3m	RHT-634-3085-5B-030	RHT-634-3082-5B-030
	Customized	RHT-634-3085-5B-XXX	RHT-634-3082-5B-XXX
6	0.3m	RHT-634-3085-06-030	RHT-634-3082-06-030
	Customized	RHT-634-3085-06-XXX	RHT-634-3082-06-XXX
7A	0.3m	RHT-634-3085-7A-030	RHT-634-3082-7A-030
	Customized	RHT-634-3085-7A-XXX	RHT-634-3082-7A-XXX
7B	0.3m	RHT-634-3085-7B-030	RHT-634-3082-7B-030
	Customized	RHT-634-3085-7B-XXX	RHT-634-3082-7B-XXX
8	0.3m	RHT-634-3085-08-030	RHT-634-3082-08-030
	Customized	RHT-634-3085-08-XXX	RHT-634-3082-08-XXX
12	0.3m	RHT-634-3085-12-030	RHT-634-3082-12-030
	Customized	RHT-634-3085-12-XXX	RHT-634-3082-12-XXX
14A	0.3m	RHT-634-3085-14A-030	RHT-634-3082-14A-030
	Customized	RHT-634-3085-14A-XXX	RHT-634-3082-14A-XXX
14B	0.3m	RHT-634-3085-14B-030	RHT-634-3082-14B-030
	Customized	RHT-634-3085-14B-XXX	RHT-634-3082-14B-XXX
16	0.3m	RHT-634-3085-16-030	RHT-634-3082-16-030
	Customized	RHT-634-3085-16-XXX	RHT-634-3082-16-XXX
19	0.3m	RHT-634-3085-19-030	RHT-634-3082-19-030
	Customized	RHT-634-3085-19-XXX	RHT-634-3082-19-XXX
24	0.3m	RHT-634-3085-24-030	RHT-634-3082-24-030
	Customized	RHT-634-3085-24-XXX	RHT-634-3082-24-XXX

M16 Panel Mount Receptacle with Wires, Flange Fastened, Straight



CE RoHS

CE RoHS

Specification

Insulation resistance	≥100MΩ
Contact resistance	≤3mΩ / ≤5mΩ
Temperature range	-20 C ~ +80 C
Protection rating	IP67(Mated)
Body material	Brass, Nickel plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass
Contact finish	Gold
Wire material	PVC
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

Number of positions	Wire Length	Female		Male	
		PVC	PUR	PVC	PUR
2	0.3m	RHT-634-3197-02-030	RHT-634-3188-02-030	RHT-634-3197-02-XXX	RHT-634-3188-02-XXX
	Customized	RHT-634-3197-02-XXX	RHT-634-3188-02-XXX	RHT-634-3197-02-XXX	RHT-634-3188-02-XXX
3	0.3m	RHT-634-3197-03-030	RHT-634-3188-03-030	RHT-634-3197-03-XXX	RHT-634-3188-03-XXX
	Customized	RHT-634-3197-03-XXX	RHT-634-3188-03-XXX	RHT-634-3197-03-XXX	RHT-634-3188-03-XXX
4	0.3m	RHT-634-3197-04-030	RHT-634-3188-04-030	RHT-634-3197-04-XXX	RHT-634-3188-04-XXX
	Customized	RHT-634-3197-04-XXX	RHT-634-3188-04-XXX	RHT-634-3197-04-XXX	RHT-634-3188-04-XXX
5A	0.3m	RHT-634-3197-5A-030	RHT-634-3188-5A-030	RHT-634-3197-5A-XXX	RHT-634-3188-5A-XXX
	Customized	RHT-634-3197-5A-XXX	RHT-634-3188-5A-XXX	RHT-634-3197-5A-XXX	RHT-634-3188-5A-XXX
5B	0.3m	RHT-634-3197-5B-030	RHT-634-3188-5B-030	RHT-634-3197-5B-XXX	RHT-634-3188-5B-XXX
	Customized	RHT-634-3197-5B-XXX	RHT-634-3188-5B-XXX	RHT-634-3197-5B-XXX	RHT-634-3188-5B-XXX
6	0.3m	RHT-634-3197-06-030	RHT-634-3188-06-030	RHT-634-3197-06-XXX	RHT-634-3188-06-XXX
	Customized	RHT-634-3197-06-XXX	RHT-634-3188-06-XXX	RHT-634-3197-06-XXX	RHT-634-3188-06-XXX
7A	0.3m	RHT-634-3197-7A-030	RHT-634-3188-7A-030	RHT-634-3197-7A-XXX	RHT-634-3188-7A-XXX
	Customized	RHT-634-3197-7A-XXX	RHT-634-3188-7A-XXX	RHT-634-3197-7A-XXX	RHT-634-3188-7A-XXX
7B	0.3m	RHT-634-3197-7B-030	RHT-634-3188-7B-030	RHT-634-3197-7B-XXX	RHT-634-3188-7B-XXX
	Customized	RHT-634-3197-7B-XXX	RHT-634-3188-7B-XXX	RHT-634-3197-7B-XXX	RHT-634-3188-7B-XXX
8	0.3m	RHT-634-3197-08-030	RHT-634-3188-08-030	RHT-634-3197-08-XXX	RHT-634-3188-08-XXX
	Customized	RHT-634-3197-08-XXX	RHT-634-3188-08-XXX	RHT-634-3197-08-XXX	RHT-634-3188-08-XXX
12	0.3m	RHT-634-3197-12-030	RHT-634-3188-12-030	RHT-634-3197-12-XXX	RHT-634-3188-12-XXX
	Customized	RHT-634-3197-12-XXX	RHT-634-3188-12-XXX	RHT-634-3197-12-XXX	RHT-634-3188-12-XXX
14A	0.3m	RHT-634-3197-14A-030	RHT-634-3188-14A-030	RHT-634-3197-14A-XXX	RHT-634-3188-14A-XXX
	Customized	RHT-634-3197-14A-XXX	RHT-634-3188-14A-XXX	RHT-634-3197-14A-XXX	RHT-634-3188-14A-XXX
14B	0.3m	RHT-634-3197-14B-030	RHT-634-3188-14B-030	RHT-634-3197-14B-XXX	RHT-634-3188-14B-XXX
	Customized	RHT-634-3197-14B-XXX	RHT-634-3188-14B-XXX	RHT-634-3197-14B-XXX	RHT-634-3188-14B-XXX
16	0.3m	RHT-634-3197-16-030	RHT-634-3188-16-030	RHT-634-3197-16-XXX	RHT-634-3188-16-XXX
	Customized	RHT-634-3197-16-XXX	RHT-634-3188-16-XXX	RHT-634-3197-16-XXX	RHT-634-3188-16-XXX
19	0.3m	RHT-634-3197-19-030	RHT-634-3188-19-030	RHT-634-3197-19-XXX	RHT-634-3188-19-XXX
	Customized	RHT-634-3197-19-XXX	RHT-634-3188-19-XXX	RHT-634-3197-19-XXX	RHT-634-3188-19-XXX
24	0.3m	RHT-634-3197-24-030	RHT-634-3188-24-030	RHT-634-3197-24-XXX	RHT-634-3188-24-XXX
	Customized	RHT-634-3197-24-XXX	RHT-634-3188-24-XXX	RHT-634-3197-24-XXX	RHT-634-3188-24-XXX

M16 Single-ended Cable, Straight



CE RoHS

CE RoHS

Specification

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +80 C
Protection rating	IP67(Mated)
Body material	PVC/TPU
Screw nut material	Brass, Nickel plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold plated
Cable material	PVC/PUR/Customized
Cable Colours	Black/Customized
Seal	NBR, Black
Shielding	Unshielded / Shielded
Mating cycles	≥500

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
2	1m	RHT-634-4041-02-C-100	RHT-634-4041-02-R-100	RHT-634-4040-02-C-100	RHT-634-4040-02-R-100
	Customized	RHT-634-4041-02-C-XXX	RHT-634-4041-02-R-XXX	RHT-634-4040-02-C-XXX	RHT-634-4040-02-R-XXX
3	1m	RHT-634-4041-03-C-100	RHT-634-4041-03-R-100	RHT-634-4040-03-C-100	RHT-634-4040-03-R-100
	Customized	RHT-634-4041-03-C-XXX	RHT-634-4041-03-R-XXX	RHT-634-4040-03-C-XXX	RHT-634-4040-03-R-XXX
4	1m	RHT-634-4041-04-C-100	RHT-634-4041-04-R-100	RHT-634-4040-04-C-100	RHT-634-4040-04-R-100
	Customized	RHT-634-4041-04-C-XXX	RHT-634-4041-04-R-XXX	RHT-634-4040-04-C-XXX	RHT-634-4040-04-R-XXX
5A	1m	RHT-634-4041-5A-C-100	RHT-634-4041-5A-R-100	RHT-634-4040-5A-C-100	RHT-634-4040-5A-R-100
	Customized	RHT-634-4041-5A-C-XXX	RHT-634-4041-5A-R-XXX	RHT-634-4040-5A-C-XXX	RHT-634-4040-5A-R-XXX
5B	1m	RHT-634-4041-5B-C-100	RHT-634-4041-5B-R-100	RHT-634-4040-5B-C-100	RHT-634-4040-5B-R-100
	Customized	RHT-634-4041-5B-C-XXX	RHT-634-4041-5B-R-XXX	RHT-634-4040-5B-C-XXX	RHT-634-4040-5B-R-XXX
6	1m	RHT-634-4041-06-C-100	RHT-634-4041-06-R-100	RHT-634-4040-06-C-100	RHT-634-4040-06-R-100
	Customized	RHT-634-4041-06-C-XXX	RHT-634-4041-06-R-XXX	RHT-634-4040-06-C-XXX	RHT-634-4040-06-R-XXX
7A	1m	RHT-634-4041-7A-C-100	RHT-634-4041-7A-R-100	RHT-634-4040-7A-C-100	RHT-634-4040-7A-R-100
	Customized	RHT-634-4041-7A-C-XXX	RHT-634-4041-7A-R-XXX	RHT-634-4040-7A-C-XXX	RHT-634-4040-7A-R-XXX
7B	1m	RHT-634-4041-7B-C-100	RHT-634-4041-7B-R-100	RHT-634-4040-7B-C-100	RHT-634-4040-7B-R-100
	Customized	RHT-634-4041-7B-C-XXX	RHT-634-4041-7B-R-XXX	RHT-634-4040-7B-C-XXX	RHT-634-4040-7B-R-XXX
8	1m	RHT-634-4041-08-C-100	RHT-634-4041-08-R-100	RHT-634-4040-08-C-100	RHT-634-4040-08-R-100
	Customized	RHT-634-4041-08-C-XXX	RHT-634-4041-08-R-XXX	RHT-634-4040-08-C-XXX	RHT-634-4040-08-R-XXX
12	1m	RHT-634-4041-12-C-100	RHT-634-4041-12-R-100	RHT-634-4040-12-C-100	RHT-634-4040-12-R-100
	Customized	RHT-634-4041-12-C-XXX	RHT-634-4041-12-R-XXX	RHT-634-4040-12-C-XXX	RHT-634-4040-12-R-XXX
14A	1m	RHT-634-4041-14A-C-100	RHT-634-4041-14A-R-100	RHT-634-4040-14A-C-100	RHT-634-4040-14A-R-100
	Customized	RHT-634-4041-14A-C-XXX	RHT-634-4041-14A-R-XXX	RHT-634-4040-14A-C-XXX	RHT-634-4040-14A-R-XXX
14B	1m	RHT-634-4041-14B-C-100	RHT-634-4041-14B-R-100	RHT-634-4040-14B-C-100	RHT-634-4040-14B-R-100
	Customized	RHT-634-4041-14B-C-XXX	RHT-634-4041-14B-R-XXX	RHT-634-4040-14B-C-XXX	RHT-634-4040-14B-R-XXX
16	1m	RHT-634-4041-16-C-100	RHT-634-4041-16-R-100	RHT-634-4040-16-C-100	RHT-634-4040-16-R-100
	Customized	RHT-634-4041-16-C-XXX	RHT-634-4041-16-R-XXX	RHT-634-4040-16-C-XXX	RHT-634-4040-16-R-XXX
19	1m	RHT-634-4041-19-C-100	RHT-634-4041-19-R-100	RHT-634-4040-19-C-100	RHT-634-4040-19-R-100
	Customized	RHT-634-4041-19-C-XXX	RHT-634-4041-19-R-XXX	RHT-634-4040-19-C-XXX	RHT-634-4040-19-R-XXX
24	1m	RHT-634-4041-24-C-100	RHT-634-4041-24-R-100	RHT-634-4040-24-C-100	RHT-634-4040-24-R-100
	Customized	RHT-634-4041-24-C-XXX	RHT-634-4041-24-R-XXX	RHT-634-4040-24-C-XXX	RHT-634-4040-24-R-XXX

M16 Single-ended Cable, Angled



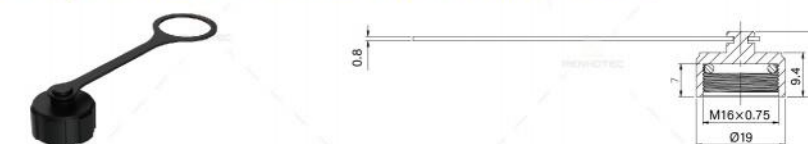
Specification

Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25 C ~ +80 C
Protection rating	IP67 (Mated)
Body material	PVC/TPU
Screw nut material	Brass, Nickel plated
Insulation material	PA66+GF
Contact termination	Solder Cup
Contact material	Brass, Gold plated
Cable material	PVC/PUR/Customized
Cable Colours	Black/Customized
Seal	NBR, Black
Shielding	Unshielded / Shielded
Mating cycles	≥500

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
2	1m	RHT-634-4043-02-C-100	RHT-634-4043-02-R-100	RHT-634-4042-02-C-100	RHT-634-4042-02-R-100
	Customized	RHT-634-4043-02-C-XXX	RHT-634-4043-02-R-XXX	RHT-634-4042-02-C-XXX	RHT-634-4042-02-R-XXX
3	1m	RHT-634-4043-03-C-100	RHT-634-4043-03-R-100	RHT-634-4042-03-C-100	RHT-634-4042-03-R-100
	Customized	RHT-634-4043-03-C-XXX	RHT-634-4043-03-R-XXX	RHT-634-4042-03-C-XXX	RHT-634-4042-03-R-XXX
4	1m	RHT-634-4043-04-C-100	RHT-634-4043-04-R-100	RHT-634-4042-04-C-100	RHT-634-4042-04-R-100
	Customized	RHT-634-4043-04-C-XXX	RHT-634-4043-04-R-XXX	RHT-634-4042-04-C-XXX	RHT-634-4042-04-R-XXX
5A	1m	RHT-634-4043-5A-C-100	RHT-634-4043-5A-R-100	RHT-634-4042-5A-C-100	RHT-634-4042-5A-R-100
	Customized	RHT-634-4043-5A-C-XXX	RHT-634-4043-5A-R-XXX	RHT-634-4042-5A-C-XXX	RHT-634-4042-5A-R-XXX
5B	1m	RHT-634-4043-5B-C-100	RHT-634-4043-5B-R-100	RHT-634-4042-5B-C-100	RHT-634-4042-5B-R-100
	Customized	RHT-634-4043-5B-C-XXX	RHT-634-4043-5B-R-XXX	RHT-634-4042-5B-C-XXX	RHT-634-4042-5B-R-XXX
6	1m	RHT-634-4043-06-C-100	RHT-634-4043-06-R-100	RHT-634-4042-06-C-100	RHT-634-4042-06-R-100
	Customized	RHT-634-4043-06-C-XXX	RHT-634-4043-06-R-XXX	RHT-634-4042-06-C-XXX	RHT-634-4042-06-R-XXX
7A	1m	RHT-634-4043-7A-C-100	RHT-634-4043-7A-R-100	RHT-634-4042-7A-C-100	RHT-634-4042-7A-R-100
	Customized	RHT-634-4043-7A-C-XXX	RHT-634-4043-7A-R-XXX	RHT-634-4042-7A-C-XXX	RHT-634-4042-7A-R-XXX
7B	1m	RHT-634-4043-7B-C-100	RHT-634-4043-7B-R-100	RHT-634-4042-7B-C-100	RHT-634-4042-7B-R-100
	Customized	RHT-634-4043-7B-C-XXX	RHT-634-4043-7B-R-XXX	RHT-634-4042-7B-C-XXX	RHT-634-4042-7B-R-XXX
8	1m	RHT-634-4043-08-C-100	RHT-634-4043-08-R-100	RHT-634-4042-08-C-100	RHT-634-4042-08-R-100
	Customized	RHT-634-4043-08-C-XXX	RHT-634-4043-08-R-XXX	RHT-634-4042-08-C-XXX	RHT-634-4042-08-R-XXX
12	1m	RHT-634-4043-12-C-100	RHT-634-4043-12-R-100	RHT-634-4042-12-C-100	RHT-634-4042-12-R-100
	Customized	RHT-634-4043-12-C-XXX	RHT-634-4043-12-R-XXX	RHT-634-4042-12-C-XXX	RHT-634-4042-12-R-XXX
14A	1m	RHT-634-4043-14A-C-100	RHT-634-4043-14A-R-100	RHT-634-4042-14A-C-100	RHT-634-4042-14A-R-100
	Customized	RHT-634-4043-14A-C-XXX	RHT-634-4043-14A-R-XXX	RHT-634-4042-14A-C-XXX	RHT-634-4042-14A-R-XXX
14B	1m	RHT-634-4043-14B-C-100	RHT-634-4043-14B-R-100	RHT-634-4042-14B-C-100	RHT-634-4042-14B-R-100
	Customized	RHT-634-4043-14B-C-XXX	RHT-634-4043-14B-R-XXX	RHT-634-4042-14B-C-XXX	RHT-634-4042-14B-R-XXX
16	1m	RHT-634-4043-16-C-100	RHT-634-4043-16-R-100	RHT-634-4042-16-C-100	RHT-634-4042-16-R-100
	Customized	RHT-634-4043-16-C-XXX	RHT-634-4043-16-R-XXX	RHT-634-4042-16-C-XXX	RHT-634-4042-16-R-XXX
19	1m	RHT-634-4043-19-C-100	RHT-634-4043-19-R-100	RHT-634-4042-19-C-100	RHT-634-4042-19-R-100
	Customized	RHT-634-4043-19-C-XXX	RHT-634-4043-19-R-XXX	RHT-634-4042-19-C-XXX	RHT-634-4042-19-R-XXX
24	1m	RHT-634-4043-24-C-100	RHT-634-4043-24-R-100	RHT-634-4042-24-C-100	RHT-634-4042-24-R-100
	Customized	RHT-634-4043-24-C-XXX	RHT-634-4043-24-R-XXX	RHT-634-4042-24-C-XXX	RHT-634-4042-24-R-XXX

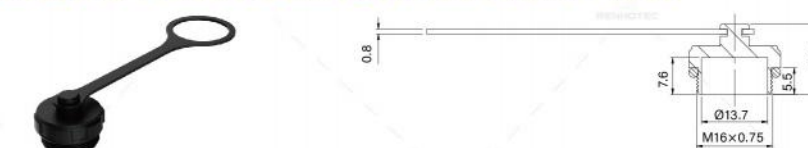
M16 Dust Cap for Male Connector, with Chain, Plastic



Specification

Body material	PA66
Chain material	PU
Seal	NBR, Black
Ordering No	RHT-634-3236

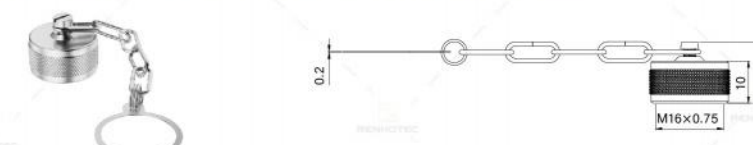
M16 Dust Cap for Female Connector, with Chain, Plastic



Specification

Body material	PA66
Chain material	PU
Seal	NBR, Black
Ordering No	RHT-634-3235

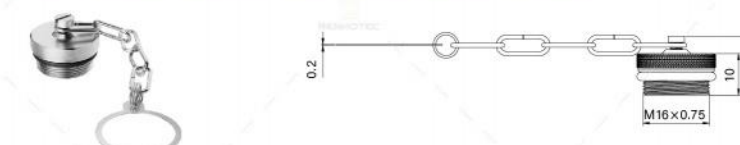
M16 Dust Cap for Male Connector, with Chain, Metal



Specification

Body material	Brass, Nickel plated
Chain material	Stainless Steel
Seal	NBR, Black
Ordering No	RHT-634-3241

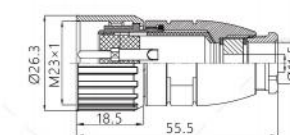
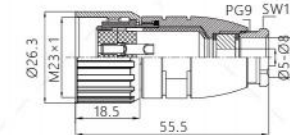
M16 Dust Cap for Female Connector, with Chain, Metal



Specification

Body material	Brass, Nickel plated
Chain material	Stainless Steel
Seal	NBR, Black
Ordering No	RHT-634-3240

M23 Field Assembly Connector, Solder Cup, Straight



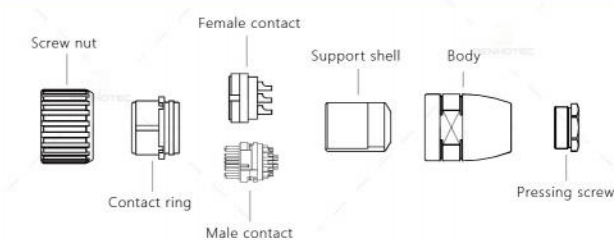
Specification

Number of positions	6	9	12	16	19
Insert arrangement (Female)					
Insert arrangement (Male)					
Rated current	20A	8A/20A	8A	8A	8A/20A
Rated voltage	200V	260V/300V	200V	125V	125V/200V
Wire gauge	14AWG/2.5mm ²	16AWG/1.5mm ² / 14AWG/2.5mm ²		18AWG/1.0mm ²	16AWG/1.5mm ² /18AWG/1.0mm ²
Insulation resistance	≥100MΩ				
Contact resistance	≤3mΩ				
Temperature range	-40°C ~ +120°C				
Protection rating	IP67 (Mated)				
Body material	Zinc Alloy, Nickel Plated				
Screw nut material	Zinc Alloy, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Solder Cup				
Contact material	Brass, Gold Plated				
Seal	NBR, Black				
Shielding	Shielded				
Mating cycles	≥500				

Part Number

Number of positions	Female	Male
6	623A-06-F	623A-06-M
9	623A-09-F	623A-09-M
12	623A-12-F	623A-12-M
16	623A-16-F	623A-16-M
19	623A-19-F	623A-19-M

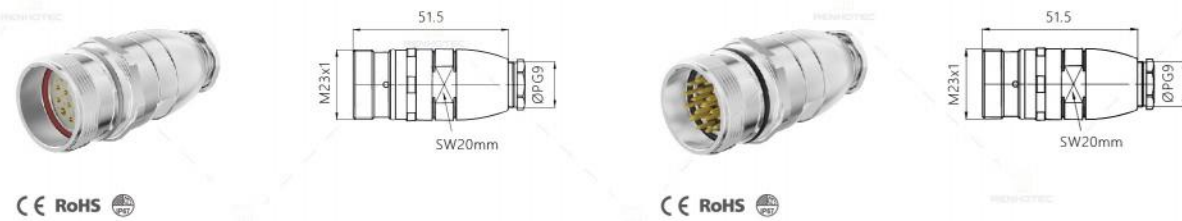
Component Part



M23 Series

- Compliance with IEC61076 standard.
- Protection degree: IP65 (Mated) , IP67 (Mated) .
- 360° EMC shielded version available.
- Pin configurations: 6, 7, 8, 9, 12, 16, 17, 19 positions.
- Cable length, material and colours can be customized.

M23 Field Assembly Connector, Solder Cup, Straight



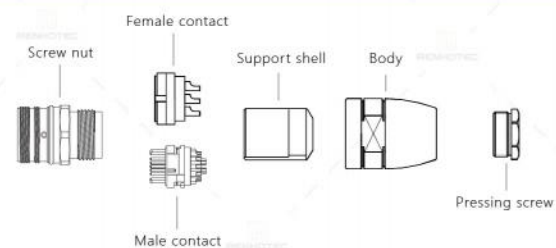
Specification

Number of positions	6	9	12	16	19
Insert arrangement (Female)					
Insert arrangement (Male)					
Rated current	20A	8A/20A	8A	8A	8A/20A
Rated voltage	200V	260V/300V	200V	125V	125V/200V
Wire gauge	14AWG/2.5mm ²	16AWG/1.5mm ² / 14AWG/2.5mm ²	18AWG/1.0mm ²	16AWG/1.5mm ² /18AWG/1.0mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤3mΩ				
Temperature range	-40°C ~ +120°C				
Protection rating	IP67 (Mated)				
Body material	Zinc Alloy, Nickel Plated				
Screw nut material	Zinc Alloy, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Solder Cup				
Contact material	Brass, Gold Plated				
Seal	NBR, Black				
Shielding	Shielded				
Mating cycles	≥500				

Part Number

Number of positions	Female	Male
6	623Y-06-F	623Y-06-M
9	623Y-09-F	623Y-09-M
12	623Y-12-F	623Y-12-M
16	623Y-16-F	623Y-16-M
19	623Y-19-F	623Y-19-M

Component Part

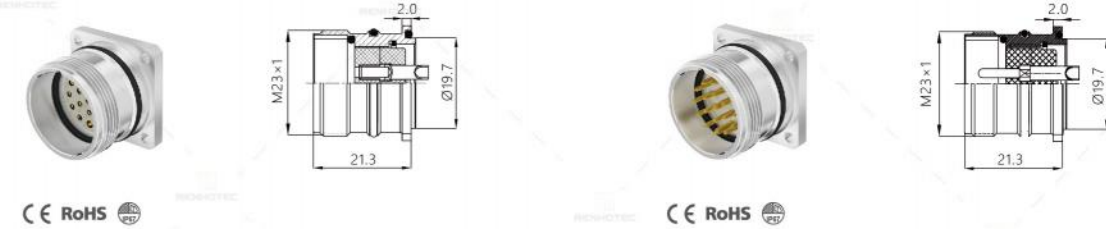


M23 Wiring

Female Contact	Wiring Colours and Sequences	Male Contact																																										
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M23 Panel Mount Receptacle with Hexagonal Nut, Rear Fastened, Solder Cup, Straight

M23 Panel Mount Receptacle, Flange Fastened, Solder Cup, Straight



Specification

Specification

Number of positions	6	9	12	16	19
Insert arrangement (Female)					
Insert arrangement (Male)					
Rated current	20A	8A/20A	8A	8A	8A/20A
Rated voltage	200V	260V/300V	200V	125V	125V/200V
Wire gauge	14AWG/2.5mm ² 16AWG/1.5mm ² / 14AWG/2.5mm ²		18AWG/1.0mm ²		16AWG/1.5mm ² /18AWG/1.0mm ²
Insulation resistance	≥100MΩ				
Contact resistance	≤3mΩ				
Temperature range	-40 C ~ +120 C				
Protection rating	IP67 (Mated)				
Body material	Zinc Alloy, Nickel Plated				
Screw nut material	Zinc Alloy, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Solder Cup				
Contact material	Brass, Gold Plated				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

Number of positions	6	9	12	16	19
Insert arrangement (Female)					
Insert arrangement (Male)					
Rated current	20A	8A/20A	8A	8A	8A/20A
Rated voltage	200V	260V/300V	200V	125V	125V/200V
Wire gauge	14AWG/2.5mm ² 16AWG/1.5mm ² / 14AWG/2.5mm ²		18AWG/1.0mm ²		16AWG/1.5mm ² /18AWG/1.0mm ²
Insulation resistance	≥100MΩ				
Contact resistance	≤3mΩ				
Temperature range	-40 C ~ +120 C				
Protection rating	IP67 (Mated)				
Body material	Zinc Alloy, Nickel Plated				
Screw nut material	Zinc Alloy, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Solder Cup				
Contact material	Brass, Gold Plated				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

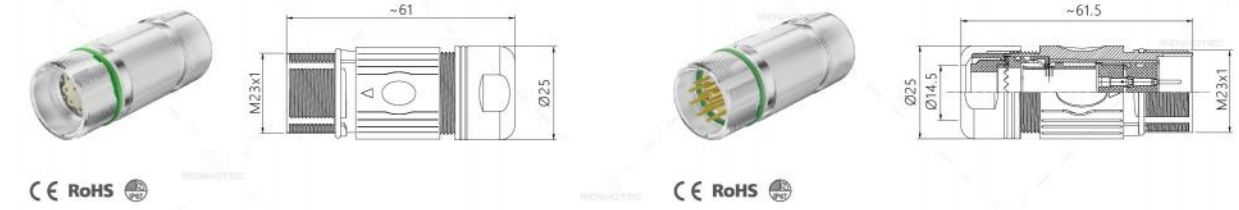
Part Number

Number of positions	Female	Male
6	623B-06-F	623B-06-M
9	623B-09-F	623B-09-M
12	623B-12-F	623B-12-M
16	623B-16-F	623B-16-M
19	623B-19-F	623B-19-M

Number of positions	Female	Male
6	623H-06-F	623H-06-M
9	623H-09-F	623H-09-M
12	623H-12-F	623H-12-M
16	623H-16-F	623H-16-M
19	623H-19-F	623H-19-M

M23 Signal Field Assembly Connector, Straight

M23 Signal Field Assembly Connector, Straight



Specification

Specification

Number of positions	6	7	9	12	17	19
Female E layout						
Male E layout						
Female P layout						
Male P layout						

Number of positions	6	7	9	12	17	19
Female E layout						
Male E layout						
Female P layout						
Male P layout						

Rated current	20A	8A	8A/20A
Rated voltage	300V	260V	125V/200V
Wire gauge	14AWG/2.5mm ²	16AWG/1.5mm ²	18AWG/1.0mm ²
Insulation resistance	≥100MΩ		
Contact resistance	≤3mΩ		
Temperature range	-25°C ~ +85°C		
Protection rating	IP67 (Mated)		
Body material	Zinc Alloy, Nickel Plated		
Screw nut material	Zinc Alloy, Nickel Plated		
Insulation material	PA66+GF		
Contact termination	Crimp/Solder Cup		
Contact material	Brass, Gold Plated		
Seal	NBR, Black		
Shielding	Shielded		
Mating cycles	≥500		

Rated current	20A	8A	8A/20A
Rated voltage	300V	260V	125V/200V
Wire gauge	14AWG/2.5mm ²	16AWG/1.5mm ²	18AWG/1.0mm ²
Insulation resistance	≥100MΩ		
Contact resistance	≤3mΩ		
Temperature range	-25°C ~ +85°C		
Protection rating	IP67 (Mated)		
Body material	Zinc Alloy, Nickel Plated		
Screw nut material	Zinc Alloy, Nickel Plated		
Insulation material	PA66+GF		
Contact termination	Crimp/Solder Cup		
Contact material	Brass, Gold Plated		
Seal	NBR, Black		
Shielding	Shielded		
Mating cycles	≥500		

Part Number

Part Number

Number of positions	Female		Male	
	E Layout	P Layout	E Layout	P Layout
6	M623A-06-F-E	M623A-06-F-P	M623A-06-M-E	M623A-06-M-P
7	M623A-07-F-E	M623A-07-F-P	M623A-07-M-E	M623A-07-M-P
9	M623A-09-F-E	M623A-09-F-P	M623A-09-M-E	M623A-09-M-P
12	M623A-12-F-E	M623A-12-F-P	M623A-12-M-E	M623A-12-M-P
17	M623A-17-F-E	M623A-17-F-P	M623A-17-M-E	M623A-17-M-P
19	M623A-19-F-E	M623A-19-F-P	M623A-19-M-E	M623A-19-M-P

Number of positions	Female		Male	
	E Layout	P Layout	E Layout	P Layout
6	M623K-06-F-E	M623K-06-F-P	M623K-06-M-E	M623K-06-M-P
7	M623K-07-F-E	M623K-07-F-P	M623K-07-M-E	M623K-07-M-P
9	M623K-09-F-E	M623K-09-F-P	M623K-09-M-E	M623K-09-M-P
12	M623K-12-F-E	M623K-12-F-P	M623K-12-M-E	M623K-12-M-P
17	M623K-17-F-E	M623K-17-F-P	M623K-17-M-E	M623K-17-M-P
19	M623K-19-F-E	M623K-19-F-P	M623K-19-M-E	M623K-19-M-P

M23 Signal Field Assembly Connector, Angled



CE RoHS

CE RoHS

Specification

Number of positions	6	7	9	12	17	19
Female E layout						
Male E layout						
Female P layout						
Male P layout						

Rated current	20A		8A		8A/20A
Rated voltage	300V				
Wire gauge	14AWG/2.5mm ²	16AWG/1.5mm ²	18AWG/1.0mm ²	16AWG/1.5mm ² /18AWG/1.0mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤3mΩ				
Temperature range	-25°C ~ +85°C				
Protection rating	IP67 (Mated)				
Body material	Zinc Alloy, Nickel Plated				
Screw nut material	Zinc Alloy, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Crimp/Solder Cup				
Contact material	Brass, Gold Plated				
Seal	NBR, Black				
Shielding	Shielded				
Mating cycles	≥500				

Part Number

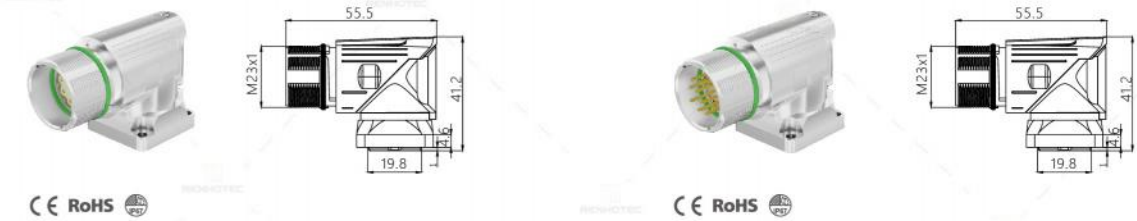
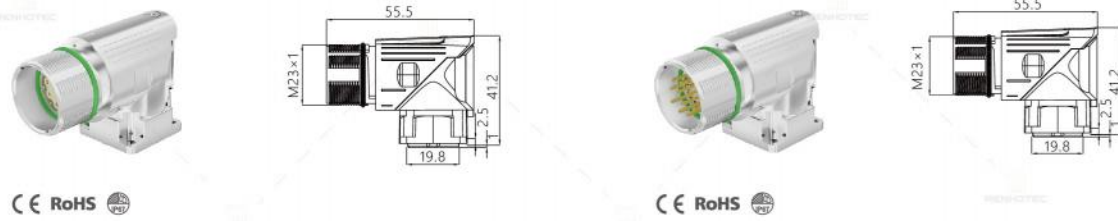
Number of positions	Female		Male	
	E Layout	P Layout	E Layout	P Layout
6	M623B-06-F-E	M623B-06-F-P	M623B-06-M-E	M623B-06-M-P
7	M623B-07-F-E	M623B-07-F-P	M623B-07-M-E	M623B-07-M-P
9	M623B-09-F-E	M623A-09-F-P	M623B-09-M-E	M623B-09-M-P
12	M623B-12-F-E	M623B-12-F-P	M623B-12-M-E	M623B-12-M-P
17	M623B-17-F-E	M623B-17-F-P	M623B-17-M-E	M623B-17-M-P
19	M623B-19-F-E	M623B-19-F-P	M623B-19-M-E	M623B-19-M-P

M23 Wiring

Female Contact		Wiring Colours and Sequences			Male Contact	
E Series	P Series	Contacts	Wire Colours		E Series	P Series
		1	RD			
		2	BK			
		3	WH			
		4	GN			
		5	GY			
		6	PK			
		1	WH			
		2	GN			
		3	YE			
		4	GY			
		5	PK			
		6	RD			
		7	BK			
		1	BN			
		2	WH			
		3	BU			
		4	BK			
		5	GY			
		6	YE			
		7	GN			
		8	RD			
		9	PK			
		1	WH			
		2	BN			
		3	GN			
		4	YE			
		5	GY			
		6	PK			
		7	BU			
		8	RD			
		9	OR			
		10	VT			
		11	BK			
		12	TP			
		1	BN			
		2	BU			
		3	WH			
		4	GN			
		5	PK			
		6	YE			
		7	BK			
		8	GY			
		9	RD			
		10	VT			
		11	GY,PK			
		12	RD,BU			
		13	WH,GN			
		14	BN,YE			
		15	WH,YE			
		16	YE,BN			
		17	WH,GY			
		1	VT			
		2	RD			
		3	GY			
		4	RD,BU			
		5	GN			
		6	BU			
		7	GY/PK			
		8	GN,WH			
		9	YE,WH			
		10	GY,WH			
		11	BK			
		12	GN,YE			
		13	PK			
		14	BN,GY			
		15	BN,YE			
		16	BN,GN			
		17	WH			
		18	YE			
		19	BN			

M23 Signal Panel Mount Receptacle, Flange Fastened, Angled

M23 Signal Panel Mount Receptacle, Flange Fastened, Angled



CE RoHS

CE RoHS

CE RoHS

CE RoHS

Specification

Specification

Number of positions	6	7	9	12	17	19
Female E layout						
Male E layout						
Female P layout						
Male P layout						

Number of positions	6	7	9	12	17	19
Female E layout						
Male E layout						
Female P layout						
Male P layout						

Rated current	20A		8A		8A/20A
Rated voltage	300V		260V		125V/200V
Wire gauge	14AWG/2.5mm ²	16AWG/1.5mm ²	18AWG/1.0mm ²	16AWG/1.5mm ² /18AWG/1.0mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤3mΩ				
Temperature range	-25°C ~ +85°C				
Protection rating	IP67 (Mated)				
Body material	Zinc Alloy, Nickel Plated				
Screw nut material	Zinc Alloy, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Crimp/Solder Cup				
Contact material	Brass, Gold Plated				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

Rated current	20A		8A		8A/20A
Rated voltage	300V		260V		125V/200V
Wire gauge	14AWG/2.5mm ²	16AWG/1.5mm ²	18AWG/1.0mm ²	16AWG/1.5mm ² /18AWG/1.0mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤3mΩ				
Temperature range	-25°C ~ +85°C				
Protection rating	IP67 (Mated)				
Body material	Zinc Alloy, Nickel Plated				
Screw nut material	Zinc Alloy, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Crimp/Solder Cup				
Contact material	Brass, Gold Plated				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

Part Number

Number of positions	Female		Male	
	E Layout	P Layout	E Layout	P Layout
6	M623D-06-F-E	M623D-06-F-P	M623D-06-M-E	M623D-06-M-P
7	M623D-07-F-E	M623D-07-F-P	M623D-07-M-E	M623D-07-M-P
9	M623D-09-F-E	M623D-09-F-P	M623D-09-M-E	M623D-09-M-P
12	M623D-12-F-E	M623D-12-F-P	M623D-12-M-E	M623D-12-M-P
17	M623D-17-F-E	M623D-17-F-P	M623D-17-M-E	M623D-17-M-P
19	M623D-19-F-E	M623D-19-F-P	M623D-19-M-E	M623D-19-M-P

Number of positions	Female		Male	
	E Layout	P Layout	E Layout	P Layout
6	M623D1-06-F-E	M623D1-06-F-P	M623D1-06-M-E	M623D1-06-M-P
7	M623D1-07-F-E	M623D1-07-F-P	M623D1-07-M-E	M623D1-07-M-P
9	M623D1-09-F-E	M623D1-09-F-P	M623D1-09-M-E	M623D1-09-M-P
12	M623D1-12-F-E	M623D1-12-F-P	M623D1-12-M-E	M623D1-12-M-P
17	M623D1-17-F-E	M623D1-17-F-P	M623D1-17-M-E	M623D1-17-M-P
19	M623D1-19-F-E	M623D1-19-F-P	M623D1-19-M-E	M623D1-19-M-P

M23 Signal Panel Mount Receptacle, Flange Fastened, Straight



Specification

Number of positions	6	7	9	12	17	19
Female E layout						
Male E layout						
Female P layout						
Male P layout						

Rated current	20A		8A		8A/20A
Rated voltage	300V		260V		125V/200V
Wire gauge	14AWG/2.5mm ²	16AWG/1.5mm ²	18AWG/1.0mm ²	16AWG/1.5mm ² /18AWG/1.0mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤3mΩ				
Temperature range	-25°C ~ +85°C				
Protection rating	IP67 (Mated)				
Body material	Zinc Alloy, Nickel Plated				
Screw nut material	Zinc Alloy, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Crimp/Solder Cup				
Contact material	Brass, Gold Plated				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

Number of positions	Female		Male	
	E Layout	P Layout	E Layout	P Layout
6	M623H-06-F-E	M623H-06-F-P	M623H-06-M-E	M623H-06-M-P
7	M623H-07-F-E	M623H-07-F-P	M623H-07-M-E	M623H-07-M-P
9	M623H-09-F-E	M623H-09-F-P	M623H-09-M-E	M623H-09-M-P
12	M623H-12-F-E	M623H-12-F-P	M623H-12-M-E	M623H-12-M-P
17	M623H-17-F-E	M623H-17-F-P	M623H-17-M-E	M623H-17-M-P
19	M623H-19-F-E	M623H-19-F-P	M623H-19-M-E	M623H-19-M-P

M23 Signal Single-ended Cable, Straight



Specification

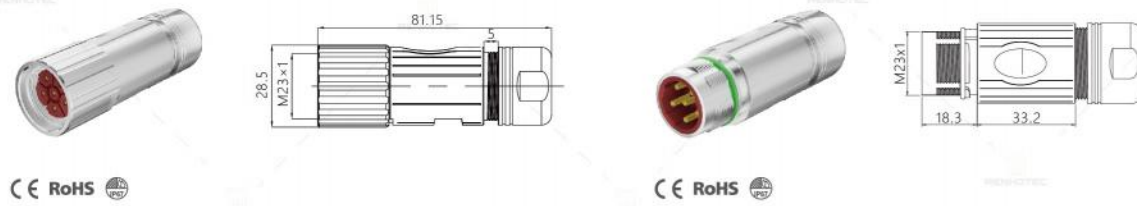
Number of positions	6	7	9	12	17	19
Insert arrangement (Female)						
Insert arrangement (Male)						

Rated current	20A		8A		8A/20A
Rated voltage	300V		260V		125V/200V
Wire gauge	14AWG/2.5mm ²	16AWG/1.5mm ²	18AWG/1.0mm ²	16AWG/1.5mm ² /18AWG/1.0mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤3mΩ				
Temperature range	-25°C ~ +85°C				
Protection rating	IP67 (Mated)				
Over-molding material	PVC/TPU				
Screw nut material	Zinc Alloy, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Crimp/Solder Cup				
Contact material	Brass, Gold Plated				
Cable material	PVC/PUR/Customized				
Cable colour	Black/Customized				
Seal	NBR, Black				
Shielding	Unshielded/Shielded				
Mating cycles	≥500				

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
6	1m	RHT-605-10269-06-C-100	RHT-605-10269-06-R-100	RHT-605-10268-06-C-100	RHT-605-10268-06-R-100
	Customized	RHT-605-10269-06-C-XXX	RHT-605-10269-06-R-XXX	RHT-605-10268-06-C-XXX	RHT-605-10268-06-R-XXX
7	1m	RHT-605-10269-07-C-100	RHT-605-10269-07-R-100	RHT-605-10268-07-C-100	RHT-605-10268-07-R-100
	Customized	RHT-605-10269-07-C-XXX	RHT-605-10269-07-R-XXX	RHT-605-10268-07-C-XXX	RHT-605-10268-07-R-XXX
9	1m	RHT-605-10269-09-C-100	RHT-605-10269-09-R-100	RHT-605-10268-09-C-100	RHT-605-10268-09-R-100
	Customized	RHT-605-10269-09-C-XXX	RHT-605-10269-09-R-XXX	RHT-605-10268-09-C-XXX	RHT-605-10268-09-R-XXX
12	1m	RHT-605-10269-12-C-100	RHT-605-10269-12-R-100	RHT-605-10268-12-C-100	RHT-605-10268-12-R-100
	Customized	RHT-605-10269-12-C-XXX	RHT-605-10269-12-R-XXX	RHT-605-10268-12-C-XXX	RHT-605-10268-12-R-XXX
17	1m	RHT-605-10269-17-C-100	RHT-605-10269-17-R-100	RHT-605-10268-17-C-100	RHT-605-10268-17-R-100
	Customized	RHT-605-10269-17-C-XXX	RHT-605-10269-17-R-XXX	RHT-605-10268-17-C-XXX	RHT-605-10268-17-R-XXX
19	1m	RHT-605-10269-19-C-100	RHT-605-10269-19-R-100	RHT-605-10268-19-C-100	RHT-605-10268-19-R-100
	Customized	RHT-605-10269-19-C-XXX	RHT-605-10269-19-R-XXX	RHT-605-10268-19-C-XXX	RHT-605-10268-19-R-XXX

M23 Power Field Assembly Connector, Crimp, Straight



CE RoHS

CE RoHS

Specification

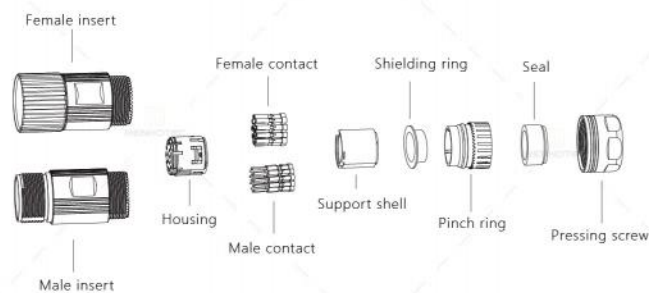
Number of positions	6	8
Insert arrangement (Female)		
Insert arrangement (Male)		

Rated current	28A
Rated voltage	600V
Wire gauge	14AWG/2.5mm ²
Insulation resistance	≥100MΩ
Contact resistance	≤3mΩ
Temperature range	-20°C ~ +85°C
Protection rating	IP67 (Mated)
Body material	Zinc Alloy, Nickel Plated
Screw nut material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact termination	Crimp
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Shielded
Mating cycles	≥500

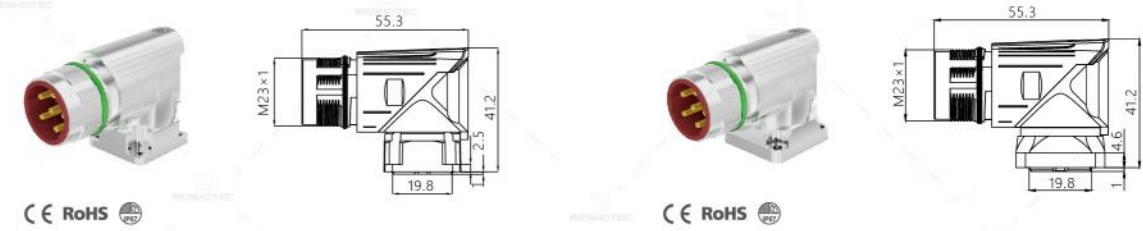
Part Number

Number of positions	Female	Male
6	M923A-06	M923K-06
8	M923A-08	M923K-08

Component Part



M23 Power Panel Mount Receptacle, Flange Fastened, Crimp, Angled



CE RoHS

CE RoHS

Specification

Number of positions	6	8
Insert arrangement (Female)		
Insert arrangement (Male)		

Rated current	28A
Rated voltage	600V
Wire gauge	14AWG/2.5mm ²
Insulation resistance	≥100MΩ
Contact resistance	≤3mΩ
Temperature range	-20°C ~ +85°C
Protection rating	IP67 (Mated)
Body material	Zinc Alloy, Nickel Plated
Screw nut material	Zinc Alloy, Nickel Plated
Insulation material	PA66+GF
Contact termination	Crimp
Contact material	Brass, Gold Plated
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

Number of positions	25.7	28.2
6	M923D-06	M923D1-06
8	M923D-08	M923D1-08

Mini Change 7/8" Field Assembly Connector, Screw Termination, Straight



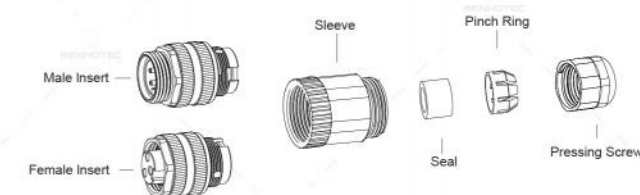
Specification

Number of positions	3	4	5	6
Insert arrangement (Female)				
Insert arrangement (Male)				
Rated current	13A	13A	9A	9A
Rated voltage	300V AC/DC	300V AC/DC	300V AC/DC	300V AC/DC
Wire gauge	18AWG/1.0mm ²	18AWG/1.0mm ²	20AWG/0.5mm ²	20AWG/0.5mm ²
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Temperature range	-25°C ~ +80°C			
Protection rating	IP67(Mated)			
Body material	Nylon			
Screw nut material	Zinc Alloy, Tin Plated			
Insulation material	PA66+GF			
Contact termination	Screw Termination			
Contact finish	Brass, Gold Plated			
Seal	NBR, Black			
Shielding	Unshielded			
Mating cycles	≥100			

Part Number

Number of positions	Female		Male	
	PG9	PG13.5	PG9	PG13.5
3	78014-03-PG9	78014-03-PG13.5	78013-03-PG9	78013-03-PG13.5
4	78014-04-PG9	78014-04-PG13.5	78013-04-PG9	78013-04-PG13.5
5	78014-05-PG9	78014-05-PG13.5	78013-05-PG9	78013-05-PG13.5
6	78014-06-PG9	78014-06-PG13.5	78013-06-PG9	78013-06-PG13.5

Component Part



Mini Change 7/8"

- Compliance with IEC61076 standard.
- Protection degree: IP65(Mated), IP67(Mated).
- Pin configurations: 3, 4, 5, 6 positions
- Rated current: 13A, 9A, Rated voltage: 300V AC/DC, 600V AC/DC.
- Cable length, material and colours can be customized.

Mini Change 7/8" Field Assembly Connector, Screw Termination, Angled



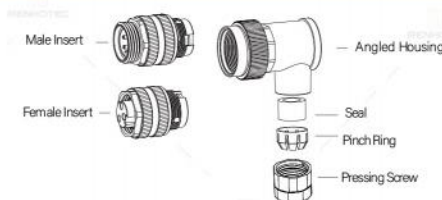
Specification

Number of positions	3	4	5	6
Insert arrangement (Female)				
Insert arrangement (Male)				
Rated current	13A	13A	9A	9A
Rated voltage	300V AC/DC	300V AC/DC	300V AC/DC	300V AC/DC
Wire gauge	18AWG/1.0mm ²	18AWG/1.0mm ²	20AWG/0.5mm ²	20AWG/0.5mm ²
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Temperature range	-25°C ~ +80°C			
Protection rating	IP67(Mated)			
Body material	Nylon			
Screw nut material	Iron, Zinc Plated			
Insulation material	Nylon			
Contact termination	Screw Termination			
Contact finish	Brass, Gold Plated			
Seal	NBR, Black			
Shielding	Unshielded			
Mating cycles	≥500			

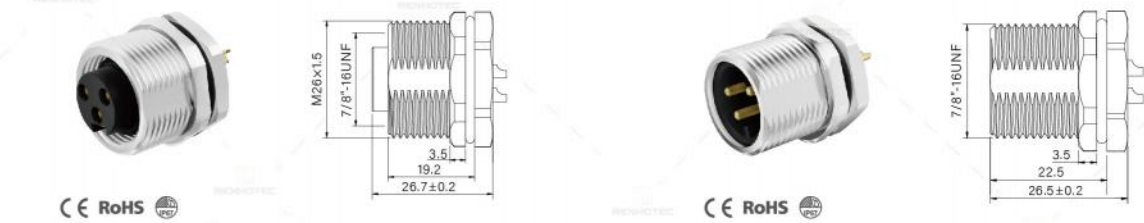
Part Number

Number of positions	Female		Male	
	PG9	PG13.5	PG9	PG13.5
3	78016-03-PG9	78016-03-PG13.5	78015-03-PG9	78015-03-PG13.5
4	78016-04-PG9	78016-04-PG13.5	78015-04-PG9	78015-04-PG13.5
5	78016-05-PG9	78016-05-PG13.5	78015-05-PG9	78015-05-PG13.5
6	78016-06-PG9	78016-06-PG13.5	78015-06-PG9	78015-06-PG13.5

Component Part



Mini Change 7/8" Panel Mount Receptacle, Front Fastened, Solder Cup



Specification

Number of positions	3	4	5	6
Insert arrangement (Female)				
Insert arrangement (Male)				
Rated current	13A	13A	9A	9A
Rated voltage	300V AC/DC	300V AC/DC	300V AC/DC	300V AC/DC
Wire gauge	18AWG/1.0mm ²	18AWG/1.0mm ²	20AWG/0.5mm ²	20AWG/0.5mm ²
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Temperature range	-25°C ~ +80°C			
Protection rating	IP67(Mated)			
Body material	Brass, Nickel Plated			
Insulation material	TPU			
Contact termination	Solder Cup			
Contact material	Brass			
Contact finish	Gold			
Seal	NBR, Black			
Shielding	Unshielded			
Mating cycles	≥500			

Part Number

Number of positions	Female		Male	
	PG9	PG13.5	PG9	PG13.5
3	780011-03			78009-03
4	780011-04			78009-04
5	780011-05			78009-05
5	780011-06			78009-06

Wiring Colours and Sequences

Position	3	4	5	6
Pin 1	Brown	Brown	Brown	Brown
Pin 2	White	White	White	White
Pin 3	Blue	Blue	Blue	Blue
Pin 4	Black	Black	Black	Black
Pin 5			Gray	Gray
Pin 6				Pink

Mini Change 7/8" Panel Mount Receptacle, Rear Fastened, Solder Cup



CE RoHS

CE RoHS

Specification

Number of positions	3	4	5	6
Insert arrangement (Female)				
Insert arrangement (Male)				
Rated current	13A	13A	9A	9A
Rated voltage	300V AC/DC	300V AC/DC	300V AC/DC	300V AC/DC
Wire gauge	18AWG/1.0mm ²	18AWG/1.0mm ²	20AWG/0.5mm ²	20AWG/0.5mm ²
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Temperature range	-25 C ~ +80 C			
Protection rating	IP67(Mated)			
Body material	Brass, Nickel Plated			
Insulation material	TPU			
Contact termination	Solder Cup			
Contact material	Brass			
Contact finish	Gold			
Seal	NBR, Black			
Shielding	Unshielded			
Mating cycles	≥500			

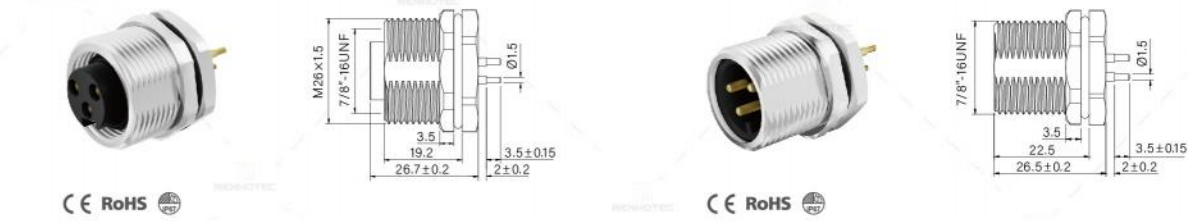
Part Number

Number of positions	Female			Male		
	PG11	PG13.5	M20x1.5	PG11	PG13.5	M20x1.5
3	78007-03-PG11	78007-03-PG13.5	78007-03-M20x1.5	78005-03-PG11	78005-03-PG13.5	78005-03-M20x1.5
4	78007-04-PG11	78007-04-PG13.5	78007-04-M20x1.5	78005-04-PG11	78005-04-PG13.5	78005-04-M20x1.5
5	78007-05-PG11	78007-05-PG13.5	78007-05-M20x1.5	78005-05-PG11	78005-05-PG13.5	78005-05-M20x1.5
6	78007-06-PG11	78007-06-PG13.5	78007-06-M20x1.5	78005-06-PG11	78005-06-PG13.5	78005-06-M20x1.5

Wiring Colours and Sequences

Position				
Pin 1	Brown	Brown	Brown	Brown
Pin 2	Blue	White	White	White
Pin 3	Black	Blue	Blue	Blue
Pin 4		Black	Black	Black
Pin 5			Gray	Gray
Pin 6				Pink

Mini Change 7/8" Panel Mount Receptacle, Front Fastened, PCB Type



CE RoHS

CE RoHS

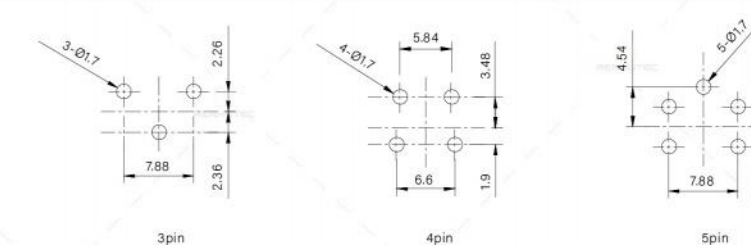
Specification

Number of positions	3	4	5	6
Insert arrangement (Female)				
Insert arrangement (Male)				
Rated current	13A	13A	9A	9A
Rated voltage	300V AC/DC	300V AC/DC	300V AC/DC	300V AC/DC
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Temperature range	-25 C ~ +80 C			
Protection rating	IP67(Mated)			
Body material	Brass, Nickel Plated			
Insulation material	TPU			
Contact termination	PCB Solder			
Contact material	Brass			
Contact finish	Gold			
Seal	NBR, Black			
Shielding	Unshielded			
Mating cycles	≥500			

Part Number

Number of positions	Female	Male
3	780012-03	780010-03
4	780012-04	780010-04
5	780012-05	780010-05
6	780012-06	780010-06

PCB Layout



Mini Change 7/8" Panel Mount Receptacle, Rear Fastened, PCB Type



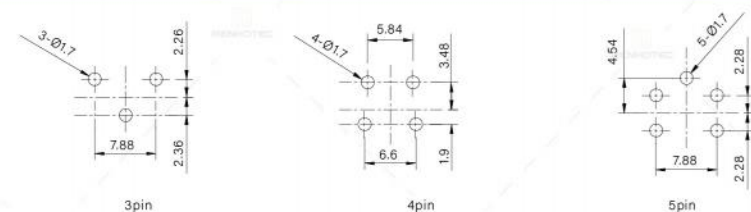
Specification

Number of positions	3	4	5	6
Insert arrangement (Female)				
Insert arrangement (Male)				
Rated current	13A	13A	9A	9A
Rated voltage	300V AC/DC	300V AC/DC	300V AC/DC	300V AC/DC
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Temperature range	-25 C ~ +80 C			
Protection rating	IP67(Mated)			
Body material	Brass, Nickel Plated			
Insulation material	TPU			
Contact termination	PCB Solder			
Contact material	Brass			
Contact finish	Gold			
Seal	NBR, Black			
Shielding	Unshielded			
Mating cycles	≥500			

Part Number

Number of positions	Female			Male		
	PG11	PG13.5	M20x1.5	PG11	PG13.5	M20x1.5
3	78008-03-PG11	78008-03-PG13.5	78008-03-M20x1.5	78006-03-PG11	78006-03-PG13.5	78006-03-M20x1.5
4	78008-04-PG11	78008-04-PG13.5	78008-04-M20x1.5	78006-04-PG11	78006-04-PG13.5	78006-04-M20x1.5
5	78008-05-PG11	78008-05-PG13.5	78008-05-M20x1.5	78006-05-PG11	78006-05-PG13.5	78006-05-M20x1.5
6	78008-06-PG11	78008-06-PG13.5	78008-06-M20x1.5	78006-06-PG11	78006-06-PG13.5	78006-06-M20x1.5

PCB Layout



Mini Change 7/8" Wiring

Female Contact	Wiring Colours and Sequences	Male Contact																
	<table border="1"> <thead> <tr> <th>Contacts</th> <th>Wire Colours</th> </tr> </thead> <tbody> <tr> <td colspan="2">(3Pins)</td> </tr> <tr> <td>1</td> <td>BN</td> </tr> <tr> <td>2</td> <td>BU</td> </tr> <tr> <td>3</td> <td>BK</td> </tr> </tbody> </table>	Contacts	Wire Colours	(3Pins)		1	BN	2	BU	3	BK							
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(5Pins)																		
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2	WH																	
3	BU																	
4	BK																	
5	GY																	
6	PK																	

Mini Change 7/8" Panel Mount Receptacle with Wires, Front Fastened



Specification

Number of positions	3	4	5	6
Insert arrangement (Female)				
Insert arrangement (Male)				
Rated current	13A	13A	9A	9A
Rated voltage	300V AC/DC	300V AC/DC	300V AC/DC	300V AC/DC
Wire gauge	18AWG/1.0mm ²	18AWG/1.0mm ²	20AWG/0.5mm ²	20AWG/0.5mm ²
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Temperature range	-25 C ~ +80 C			
Protection rating	IP67(Mated)			
Body material	Brass, Nickel Plated			
Insulation material	TPU			
Contact termination	Solder Cup			
Contact material	Brass			
Contact finish	Gold			
Wire material	PVC			
Seal	NBR, Black			
Shielding	Unshielded			
Mating cycles	≥500			

Part Number

Number of positions	Wire Length	Female		Male	
		PG11	PG13.5	PG11	PG13.5
3	0.3m	780011-03-030	780011-03-030	780009-03-030	780009-03-030
	Customized	780011-03-XXX	780011-03-XXX	780009-03-XXX	780009-03-XXX
4	0.3m	780011-04-030	780011-04-030	780009-04-030	780009-04-030
	Customized	780011-04-XXX	780011-04-XXX	780009-04-XXX	780009-04-XXX
5	0.3m	780011-05-030	780011-05-030	780009-05-030	780009-05-030
	Customized	780011-05-XXX	780011-05-XXX	780009-05-XXX	780009-05-XXX
6	0.3m	780011-06-030	780011-06-030	780009-06-030	780009-06-030
	Customized	780011-06-XXX	780011-06-XXX	780009-06-XXX	780009-06-XXX

Mini Change 7/8" Panel Mount Receptacle with Wires, Rear Fastened



Specification

Number of positions	3	4	5	6
Insert arrangement (Female)				
Insert arrangement (Male)				
Rated current	13A	13A	9A	9A
Rated voltage	300V AC/DC	300V AC/DC	300V AC/DC	300V AC/DC
Wire gauge	18AWG/1.0mm ²	18AWG/1.0mm ²	20AWG/0.5mm ²	20AWG/0.5mm ²
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Temperature range	-25 C ~ +80 C			
Protection rating	IP67(Mated)			
Body material	Brass, Nickel Plated			
Insulation material	TPU			
Contact termination	Solder Cup			
Contact material	Brass			
Contact finish	Gold			
Wire material	PVC			
Seal	NBR, Black			
Shielding	Unshielded			
Mating cycles	≥500			

Part Number

Number of positions	Wire Length	Female			Male		
		PG11	PG13.5	M20x1.5	PG11	PG13.5	M20x1.5
3	0.3m	78007-03-PG11-030	78007-03-PG13.5-030	78007-03-M20x1.5-030	78005-03-PG11-030	78005-03-PG13.5-030	78005-03-M20x1.5-030
	Customized	78007-03-PG11-XXX	78007-03-PG13.5-XXX	78007-03-M20x1.5-XXX	78005-03-PG11-XXX	78005-03-PG13.5-XXX	78005-03-M20x1.5-XXX
4	0.3m	78007-04-PG11-030	78007-04-PG13.5-030	78007-04-M20x1.5-030	78005-04-PG11-030	78005-04-PG13.5-030	78005-04-M20x1.5-030
	Customized	78007-04-PG11-XXX	78007-04-PG13.5-XXX	78007-04-M20x1.5-XXX	78005-04-PG11-XXX	78005-04-PG13.5-XXX	78005-04-M20x1.5-XXX
5	0.3m	78007-05-PG11-030	78007-05-PG13.5-030	78007-05-M20x1.5-030	78005-05-PG11-030	78005-05-PG13.5-030	78005-05-M20x1.5-030
	Customized	78007-05-PG11-XXX	78007-05-PG13.5-XXX	78007-05-M20x1.5-XXX	78005-05-PG11-XXX	78005-05-PG13.5-XXX	78005-05-M20x1.5-XXX
6	0.3m	78007-06-PG11-030	78007-06-PG13.5-030	78007-06-M20x1.5-030	78005-06-PG11-030	78005-06-PG13.5-030	78005-06-M20x1.5-030
	Customized	78007-06-PG11-XXX	78007-06-PG13.5-XXX	78007-06-M20x1.5-XXX	78005-06-PG11-XXX	78005-06-PG13.5-XXX	78005-06-M20x1.5-XXX

Mini Change 7/8" Single-ended Cable, Straight



Specification

Number of positions	3	4	5	6
Insert arrangement (Female)				
Insert arrangement (Male)				
Rated current	13A	13A	9A	9A
Rated voltage	300V AC/DC	300V AC/DC	300V AC/DC	300V AC/DC
Wire gauge	18AWG/1.0mm ²	18AWG/1.0mm ²	20AWG/0.5mm ²	20AWG/0.5mm ²
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Temperature range	-25 C ~ +80 C			
Protection rating	IP67(Mated)			
Over-molding material	PVC/TPU			
Screw nut material	Zinc, Nickel Plated			
Insulation material	TPU			
Contact termination	Solder Cup			
Contact material	Brass, Gold Plated			
Cable material	PVC/PUR/Customized			
Cable Colour	Black/Customized			
Seal	NBR, Black			
Shielding	Unshielded			
Mating cycles	≥500			

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
3	1m	78002-03-C-100	78002-03-R-100	78001-03-C-100	78001-03-R-100
	Customized	78002-03-C-XXX	78002-03-R-XXX	78001-03-C-XXX	78001-03-R-XXX
4	1m	78002-04-C-100	78002-04-R-100	78001-04-C-100	78001-04-R-100
	Customized	78002-04-C-XXX	78002-04-R-XXX	78001-04-C-XXX	78001-04-R-XXX
5	1m	78002-05-C-100	78002-05-R-100	78001-05-C-100	78001-05-R-100
	Customized	78002-05-C-XXX	78002-05-R-XXX	78001-05-C-XXX	78001-05-R-XXX
6	1m	78002-06-C-100	78002-06-R-100	78001-06-C-100	78001-06-R-100
	Customized	78002-06-C-XXX	78002-06-R-XXX	78001-06-C-XXX	78001-06-R-XXX

Mini Change 7/8" Single-ended Cable, Angled



Specification

Number of positions	3	4	5	6
Insert arrangement (Female)				
Insert arrangement (Male)				
Rated current	13A	13A	9A	9A
Rated voltage	300V AC/DC	300V AC/DC	300V AC/DC	300V AC/DC
Wire gauge	18AWG/1.0mm ²	18AWG/1.0mm ²	20AWG/0.5mm ²	20AWG/0.5mm ²
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Temperature range	-25 C ~ +80 C			
Protection rating	IP67(Mated)			
Over-molding material	PVC/TPU			
Screw nut material	Zinc, Nickel Plated			
Insulation material	TPU			
Contact termination	Solder Cup			
Contact material	Brass, Gold Plated			
Cable material	PVC/PUR/Customized			
Cable Colours	Black/Customized			
Seal	NBR, Black			
Shielding	Unshielded			
Mating cycles	≥500			

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
3	1m	78004-03-C-100	78004-03-R-100	78003-03-C-100	78003-03-R-100
	Customized	78004-03-C-XXX	78004-03-R-XXX	78003-03-C-XXX	78003-03-R-XXX
4	1m	78004-04-C-100	78004-04-R-100	78003-04-C-100	78003-04-R-100
	Customized	78004-04-C-XXX	78004-04-R-XXX	78003-04-C-XXX	78003-04-R-XXX
5	1m	78004-05-C-100	78004-05-R-100	78003-05-C-100	78003-05-R-100
	Customized	78004-05-C-XXX	78004-05-R-XXX	78003-05-C-XXX	78003-05-R-XXX
6	1m	78004-06-C-100	78004-06-R-100	78003-06-C-100	78003-06-R-100
	Customized	78004-06-C-XXX	78004-06-R-XXX	78003-06-C-XXX	78003-06-R-XXX

Mini Change 7/8" Double-ended Cable, Straight



Specification

Number of positions	3	4	5	6
Insert arrangement (Female)				
Insert arrangement (Male)				
Rated current	13A	13A	9A	9A
Rated voltage	300V AC/DC	300V AC/DC	300V AC/DC	300V AC/DC
Wire gauge	18AWG/1.0mm ²	18AWG/1.0mm ²	20AWG/0.5mm ²	20AWG/0.5mm ²
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Temperature range	-25 C ~ +80 C			
Protection rating	IP67(Mated)			
Over-molding material	PVC/TPU			
Screw nut material	Zinc, Nickel Plated			
Insulation material	TPU			
Contact termination	Solder Cup			
Contact material	Brass, Gold Plated			
Cable material	PVC/PUR/Customized			
Cable Colour	Black/Customized			
Seal	NBR, Black			
Shielding	Unshielded			
Mating cycles	≥500			

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
3	1m	78021-03-C-100	78021-03-R-100	78020-03-C-100	78020-03-R-100
	Customized	78021-03-C-XXX	78021-03-R-XXX	78020-03-C-XXX	78020-03-R-XXX
4	1m	78021-04-C-100	78021-04-R-100	78020-04-C-100	78020-04-R-100
	Customized	78021-04-C-XXX	78021-04-R-XXX	78020-04-C-XXX	78020-04-R-XXX
5	1m	78021-05-C-100	78021-05-R-100	78020-05-C-100	78020-05-R-100
	Customized	78021-05-C-XXX	78021-05-R-XXX	78020-05-C-XXX	78020-05-R-XXX
6	1m	78021-06-C-100	78021-06-R-100	78020-06-C-100	78020-06-R-100
	Customized	78021-06-C-XXX	78021-06-R-XXX	78020-06-C-XXX	78020-06-R-XXX

Mini Change 7/8" Double-ended Cable, Angled



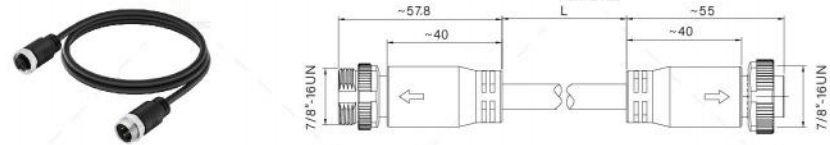
Specification

Number of positions	3	4	5	6
Insert arrangement (Female)				
Insert arrangement (Male)				
Rated current	13A	13A	9A	9A
Rated voltage	300V AC/DC	300V AC/DC	300V AC/DC	300V AC/DC
Wire gauge	18AWG/1.0mm ²	18AWG/1.0mm ²	20AWG/0.5mm ²	20AWG/0.5mm ²
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Temperature range	-25 C ~ +80 C			
Protection rating	IP67(Mated)			
Over-molding material	PVC/TPU			
Screw nut material	Zinc, Nickel Plated			
Insulation material	TPU			
Contact termination	Solder Cup			
Contact material	Brass, Gold Plated			
Cable material	PVC/PUR/Customized			
Cable Colour	Black/Customized			
Seal	NBR, Black			
Shielding	Unshielded			
Mating cycles	≥500			

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
3	1m	78024-03-C-100	78024-03-R-100	78023-03-C-100	78023-03-R-100
	Customized	78024-03-C-XXX	78024-03-R-XXX	78023-03-C-XXX	78023-03-R-XXX
4	1m	78024-04-C-100	78024-04-R-100	78023-04-C-100	78023-04-R-100
	Customized	78024-04-C-XXX	78024-04-R-XXX	78023-04-C-XXX	78023-04-R-XXX
5	1m	78024-05-C-100	78024-05-R-100	78023-05-C-100	78023-05-R-100
	Customized	78024-05-C-XXX	78024-05-R-XXX	78023-05-C-XXX	78023-05-R-XXX
6	1m	78024-06-C-100	78024-06-R-100	78023-06-C-100	78023-06-R-100
	Customized	78024-06-C-XXX	78024-06-R-XXX	78023-06-C-XXX	78023-06-R-XXX

Mini Change 7/8" Double-ended Cable, Male to Female, Straight



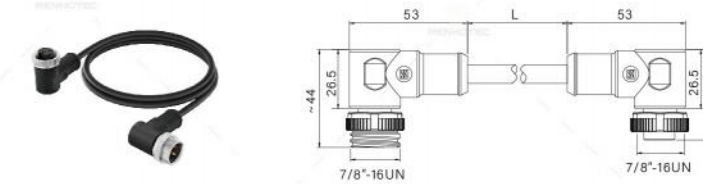
Specification

Number of positions	3	4	5	6
Insert arrangement (Female)				
Insert arrangement (Male)				
Rated current	13A	13A	9A	9A
Rated voltage	300V AC/DC	300V AC/DC	300V AC/DC	300V AC/DC
Wire gauge	18AWG/1.0mm ²	18AWG/1.0mm ²	20AWG/0.5mm ²	20AWG/0.5mm ²
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Temperature range	-25 C ~ +80 C			
Protection rating	IP67(Mated)			
Over-molding material	PVC/TPU			
Screw nut material	Zinc, Nickel Plated			
Insulation material	TPU			
Contact termination	Solder Cup			
Contact material	Brass, Gold Plated			
Cable material	PVC/PUR/Customized			
Cable Colour	Black/Customized			
Seal	NBR, Black			
Shielding	Unshielded			
Mating cycles	≥500			

Part Number

Number of positions	Cable Length	PVC	PUR
3	1m	78022-03-C-100	78022-03-R-100
	Customized	78022-03-C-XXX	78022-03-R-XXX
4	1m	78022-04-C-100	78022-04-R-100
	Customized	78022-04-C-XXX	78022-04-R-XXX
5	1m	78022-05-C-100	78022-05-R-100
	Customized	78022-05-C-XXX	78022-05-R-XXX
6	1m	78022-06-C-100	78022-06-R-100
	Customized	78022-06-C-XXX	78022-06-R-XXX

Mini Change 7/8" Double-ended Cable, Male to Female, Angled



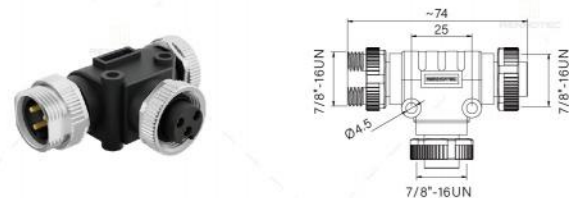
Specification

Number of positions	3	4	5	6
Insert arrangement (Female)				
Insert arrangement (Male)				
Rated current	13A	13A	9A	9A
Rated voltage	300V AC/DC	300V AC/DC	300V AC/DC	300V AC/DC
Wire gauge	18AWG/1.0mm ²	18AWG/1.0mm ²	20AWG/0.5mm ²	20AWG/0.5mm ²
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Temperature range	-25 C ~ +80 C			
Protection rating	IP67(Mated)			
Over-molding material	PVC/TPU			
Screw nut material	Zinc, Nickel Plated			
Insulation material	TPU			
Contact termination	Solder Cup			
Contact material	Brass, Gold Plated			
Cable material	PVC/PUR/Customized			
Cable Colours	Black/Customized			
Seal	NBR, Black			
Shielding	Unshielded			
Mating cycles	≥500			

Part Number

Number of positions	Cable Length	PVC	PUR
3	1m	78025-03-C-100	78025-03-R-100
	Customized	78025-03-C-XXX	78025-03-R-XXX
4	1m	78025-04-C-100	78025-04-R-100
	Customized	78025-04-C-XXX	78025-04-R-XXX
5	1m	78025-05-C-100	78025-05-R-100
	Customized	78025-05-C-XXX	78025-05-R-XXX
6	1m	78025-06-C-100	78025-06-R-100
	Customized	78025-06-C-XXX	78025-06-R-XXX

Mini Change 7/8" Tee Type Splitter, Male to Female



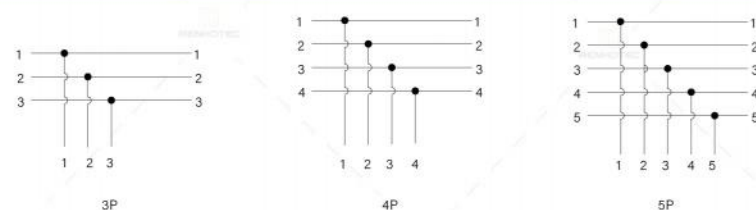
Specification

Number of positions	3	4	5
Insert arrangement (Female)			
Insert arrangement (Male)			
Rated current	13A	13A	9A
Rated voltage	300V AC/DC	300V AC/DC	300V AC/DC
Insulation resistance	≥100MΩ		
Contact resistance	≤5mΩ		
Temperature range	-25 C ~ +80 C		
Protection rating	IP67 (Mated)		
Body material	PVC, Black		
Screw nut material	Zinc, Nickel Plated		
Insulation material	TPU		
Contact material	Brass, Gold Plated		
Seal	NBR, Black		
Shielding	Unshielded		
Mating cycles	≥500		

Part Number

Number of positions	Male to 2 Female
3	RHT-634-3503
4	RHT-634-3504
5	RHT-634-3505

Wiring Diagram



Mini Change 7/8" Tee Type Splitter, to M12 Female



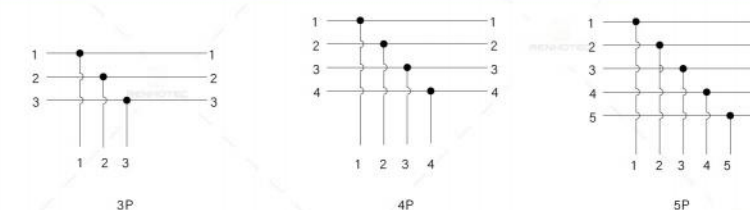
Specification

Number of positions	3	4	5
Insert arrangement (Female)			
Insert arrangement (Male)			
Rated current	13A	13A	9A
Rated voltage	300V AC/DC	300V AC/DC	300V AC/DC
Insulation resistance	≥100MΩ		
Contact resistance	≤5mΩ		
Temperature range	-25 C ~ +80 C		
Protection rating	IP67 (Mated)		
Body material	PVC, Yellow		
Screw nut material	Zinc, Nickel Plated		
Insulation material	TPU		
Contact material	Brass		
Contact finish	Gold		
Seal	NBR, Black		
Shielding	Unshielded		
Mating cycles	≥500		

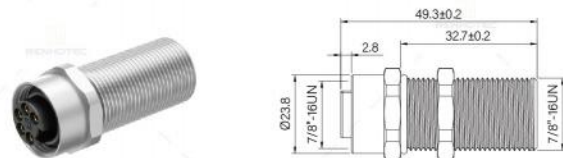
Part Number

Number of positions	Male Female to M12 Female
3	RHT-634-3394-03
4	RHT-634-3394-04
5	RHT-634-3394-05

Wiring Diagram



Mini Change 7/8" I Type Feed Through Splitter, Male to Female



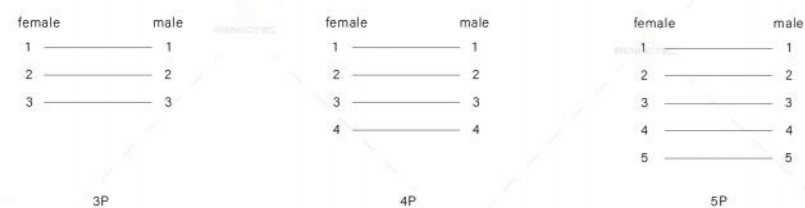
Specification

Number of positions	3	4	5
Insert arrangement (Female)			
Insert arrangement (Male)			
Rated current	13A	13A	9A
Rated voltage	300V AC/DC	300V AC/DC	300V AC/DC
Insulation resistance	≥100MΩ		
Contact resistance	≤5mΩ		
Temperature range	-25 C ~ +80 C		
Protection rating	IP67(Mated)		
Body material	Brass, Nickel Plated		
Insulation material	TPU		
Contact material	Brass		
Contact finish	Gold		
Seal	NBR, Black		
Shielding	Unshielded		
Mating cycles	≥500		

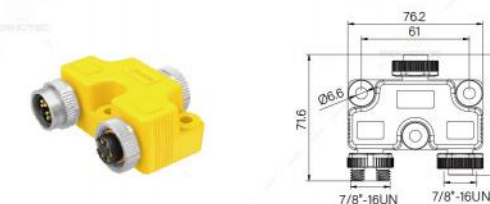
Part Number

Number of positions	Male to Female
3	RHT-634-3520-03
4	RHT-634-3520-04
5	RHT-634-3520-04

Wiring Diagram



Mini Change 7/8" Y Type Splitter, Female to Male/Female



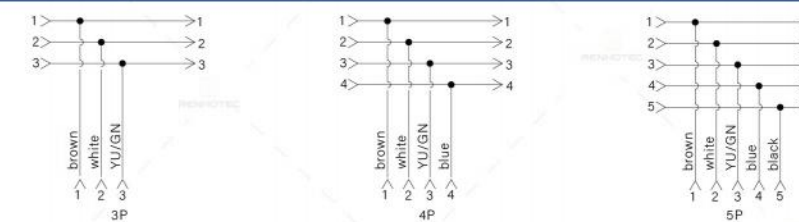
Specification

Number of positions	3	4	5
Insert arrangement (Female)			
Insert arrangement (Male)			
Rated current	13A	13A	9A
Rated voltage	600V AC/DC	600V AC/DC	600V AC/DC
Insulation resistance	≥100MΩ		
Contact resistance	≤5mΩ		
Temperature range	-25 C ~ +80 C		
Protection rating	IP67(Mated)		
Body material	PVC, Yellow		
Screw nut material	Zinc Alloy, Nickel Plated		
Insulation material	TPU		
Contact material	Brass		
Contact finish	Gold		
Seal	NBR, Black		
Shielding	Unshielded		
Mating cycles	≥500		

Part Number

Number of positions	Female to Male / Female
3	RHT-634-3498
4	RHT-634-3496
5	RHT-634-3476

Wiring Diagram



Mini Change 7/8" H Type Splitter, Male to Female



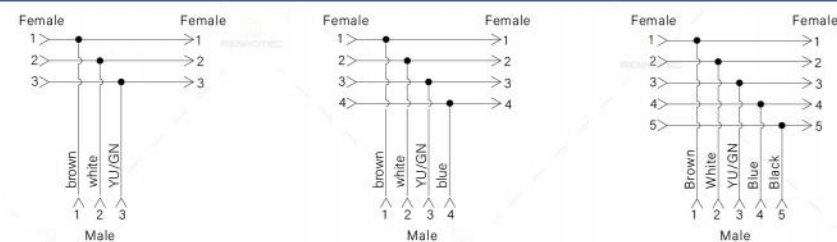
Specification

Number of positions	3	4	5
Insert arrangement (Female)			
Insert arrangement (Male)			
Rated current	13A	13A	9A
Rated voltage	600V AC/DC	600V AC/DC	600V AC/DC
Insulation resistance	≥100MΩ		
Contact resistance	≤5mΩ		
Temperature range	-25 C ~ +80 C		
Protection rating	IP67(Mated)		
Body material	PVC, Yellow		
Screw nut material	Zinc Alloy, Nickel Plated		
Insulation material	TPU		
Contact material	Brass		
Contact finish	Gold		
Seal	NBR, Black		
Shielding	Unshielded		
Mating cycles	≥500		

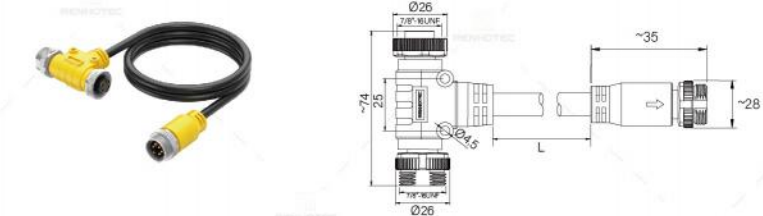
Part Number

Number of positions	Male to 2 Female
3	RHT-634-3499
4	RHT-634-3497
5	RHT-634-3477

Wiring Diagram



Mini Change 7/8" Tee Type Splitter with Cable



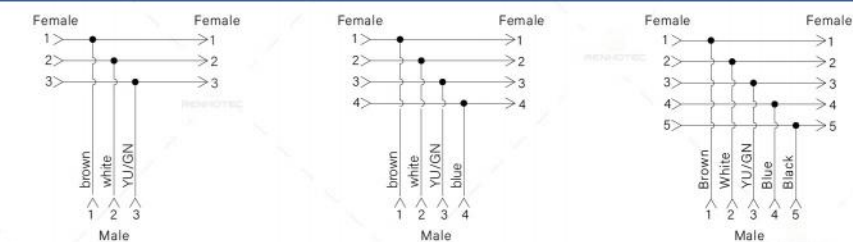
Specification

Number of positions	3	4	5
Insert arrangement (Female)			
Insert arrangement (Male)			
Rated current	13A	13A	9A
Rated voltage	600V AC/DC	600V AC/DC	600V AC/DC
Wire gauge	16AWG/1.5mm ²	16AWG/1.5mm ²	16AWG/1.5mm ²
Insulation resistance	≥100MΩ		
Contact resistance	≤5mΩ		
Temperature range	-25 C ~ +80 C		
Protection rating	IP67(Mated)		
Body material	PVC, Yellow		
Screw material	Zinc, Nickel Plated		
Insulation material	TPU		
Contact material	Brass		
Contact finish	Gold		
Cable material	PVC/PUR/Customized		
Seal	NBR, Black		
Shielding	Unshielded		
Mating cycles	≥500		

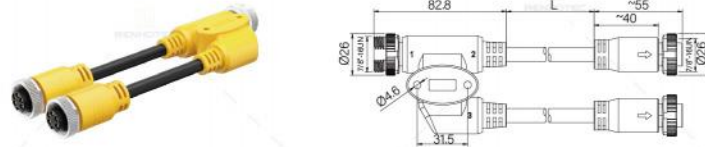
Part Number

Number of positions	Tee Type Splitter with Cable
3	RHT-634-3395-03-XXX
4	RHT-634-3395-04-XXX
5	RHT-634-3395-05-XXX

Wiring Diagram



Mini Change 7/8" H Type Splitter with Cable



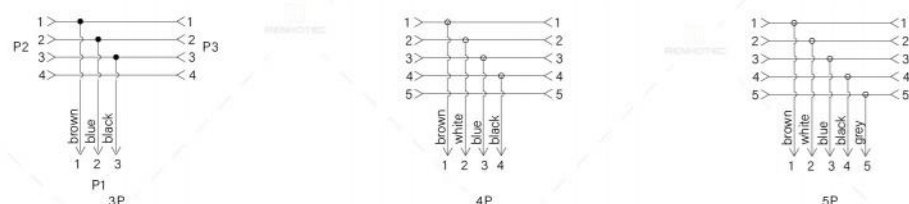
Specification

Number of positions	3	4	5
Insert arrangement (Female)			
Insert arrangement (Male)			
Rated current	13A	13A	9A
Rated voltage	600V AC/DC	600V AC/DC	600V AC/DC
Wire gauge	16AWG/1.5mm ²	16AWG/1.5mm ²	16AWG/1.5mm ²
Insulation resistance	≥100MΩ		
Contact resistance	≤5mΩ		
Temperature range	-25 C ~ +80 C		
Protection rating	IP67(Mated)		
Body material	PVC, Yellow		
Screw material	Zinc, Nickel Plated		
Insulation material	TPU		
Contact material	Brass		
Contact finish	Gold		
Cable material	PVC/PUR/Customized		
Seal	NBR, Black		
Shielding	Unshielded		
Mating cycles	≥500		

Part Number

Number of positions	H Type Splitter with Cable
3	RHT-634-3488-03-XXX
4	RHT-634-3488-04-XXX
5	RHT-634-3488-05-XXX

Wiring Diagram



Mini Change 7/8" 4 Way Distribution Box



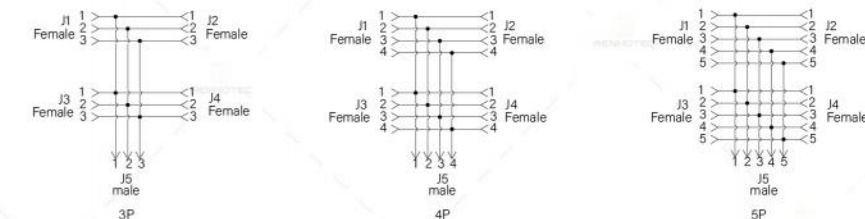
Specification

Number of positions	3	4	5
Insert arrangement (Female)			
Insert arrangement (Male)			
Rated current	13A	13A	9A
Rated voltage	600V AC/DC	600V AC/DC	600V AC/DC
Insulation resistance	≥100MΩ		
Contact resistance	≤5mΩ		
Temperature range	-25 C ~ +80 C		
Protection rating	IP67(Mated)		
Body material	PVC, Yellow		
Screw nut material	Brass, Nickel Plated		
Insulation material	PA66+GF		
Contact material	Brass		
Contact finish	Gold		
Seal	NBR, Black		
Shielding	Unshielded		
Mating cycles	≥500		

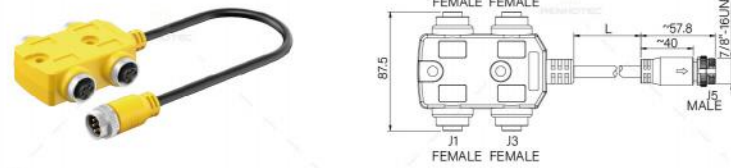
Part Number

Number of positions	Male to 4 Female
3	RHT-634-3492
4	RHT-634-3493
5	RHT-634-3494

Wiring Diagram



Mini Change 7/8" 4 Way Distribution Box with Cable



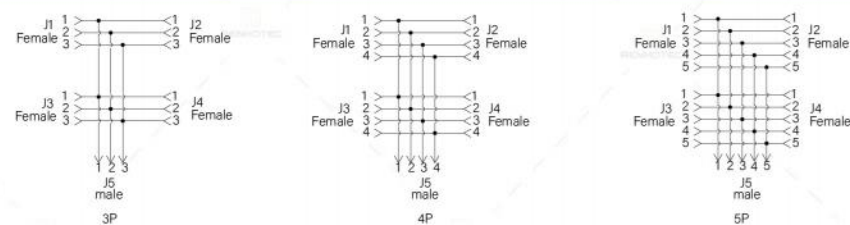
Specification

Number of positions	3	4	5
Insert arrangement (Female)			
Insert arrangement (Male)			
Rated current	13A	13A	9A
Rated voltage	300V AC/DC	300V AC/DC	300V AC/DC
Wire gauge	16AWG/1.5mm ²	16AWG/1.5mm ²	16AWG/1.5mm ²
Insulation resistance	≥100MΩ		
Contact resistance	≤5mΩ		
Temperature range	-25°C ~ +80°C		
Protection rating	IP67(Mated)		
Body material	PVC, Yellow		
Screw material	Brass, Nickel Plated		
Insulation material	PA66+GF		
Contact material	Brass		
Contact finish	Gold		
Cable material	PVC/PUR/Customized		
Seal	NBR, Black		
Shielding	Unshielded		
Mating cycles	≥500		

Part Number

Number of positions	4 Way Distribution Box with Cable
3	RHT-634-3489-03-XXX
4	RHT-634-3489-04-XXX
5	RHT-634-3489-05-XXX

Wiring Diagram



Mini Change 7/8" Terminator with 120 Ohm Resistor



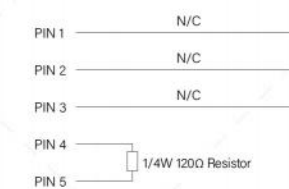
Specification

Number of positions	5
Insert arrangement (Female)	
Insert arrangement (Male)	
Rated current	9A
Rated voltage	300V AC/DC
Wire gauge	16AWG/1.5mm ²
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Temperature range	-25°C ~ +80°C
Protection rating	IP67(Mated)
Body material	PVC, Yellow
Screw material	Brass, Nickel Plated
Insulation material	PA66+GF
Contact material	Brass
Contact finish	Gold
Seal	NBR, Black
Shielding	Unshielded
Mating cycles	≥500

Part Number

Number of positions	Female	Male
5	RHT-634-3398-05	RHT-634-3397-05

Wiring Diagram



Mini Change **7/8"** Dust Cap for Male Connector, with Chain, Metal



Specification	
Body material	Brass, Nickel Plated
Chain material	Brass
Seal	NBR
Ordering No	RHT-700-0369

Mini Change **7/8"** Dust Cap for Female Connector, with Chain, Metal



Specification	
Body material	Brass, Nickel Plated
Chain material	Brass
Seal	NBR
Ordering No	RHT-701-0278