



M12 Male Plug Straight Metal Shell Field Wireable Connector, Solder Cup

Part Number:

RHT-634-3291-xx

Basic Information

Contact Termination	Solder Cup
Gender	Male
Key	A, B
Number of Positions	12 Pin, 2 Pin, 3 Pin, 4 Pin, 5 Pin, 6 Pin, 8 Pin
Orientation	Straight
Product Type	Field Wireable Connector

Material Specification

Body Material	Nickel Plated, Zinc Alloy
Contact Finish	Gold
Contact Material	Brass
Insulation Material	TPU
Screw Nut Material	Brass, Nickel Plated
Seal	Black, NBR
Wire Gauge	22AWG/0.34mm ²

Electrical Specification

Contact Resistance	≤5mΩ
Insulation Resistance	≥100MΩ
Rated Current	4A
Rated Voltage	250V
Shielding	Shielded

Environmental Specification

Operating Temperature	-25°C ~ +80°C
Protection Rating	IP67(Mated)

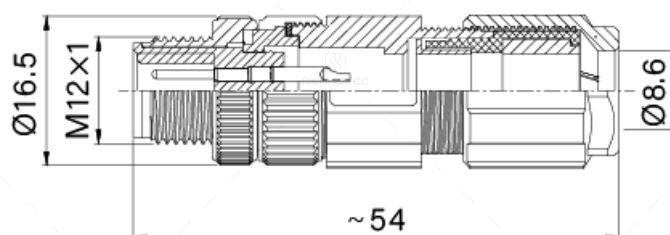
Mechanical Specification

Mating Cycles	≥500
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Contact Layout

Pins	Rated current	Rated voltage		Wire gauge		Female Contact			Male Contact		
		AC	D/C	AWG	mm²	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						

Size



Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.