



M12 Male Straight Field Wireable Connector, Plastic Shell, Solder Cup, IP67

Part Number:

RHT-634-3091

Basic Information

Contact Termination	Solder Cup
Contact Type	Male
Key	A, B, D
Number of Positions	12 Pin, 17 Pin, 2 Pin, 3 Pin, 4 Pin, 5 Pin, 6 Pin, 8 Pin
Orientation	Straight

Material Specification

Body Material	PA66
Contact Finish	Gold
Contact Material	Brass
Insulation Material	PA66+GF
Screw Nut Material	Brass, Nickel Plated
Seal	Black, NBR
Wire Gauge	22AWG/0.34mm ² for 2/3/4/5 Pin, 24AWG/0.25mm ² for 6/8 Pin, 26AWG/0.14mm ² for 12/17 Pin

Electrical Specification

Contact Resistance	≤5MΩ
Insulation Resistance	≥100MΩ
Rated Current	1.5A for 12/17 Pin, 2A for 6/8 Pin, 4A for 2/3/4/5 Pin
Rated Voltage	250V for 2/3/4 Pin, 30V for 6/8/12/17 Pin, 60V for 5 Pin
Shielding	Unshielded

Mechanical Specification

Mating Cycles	≥500
---------------	------

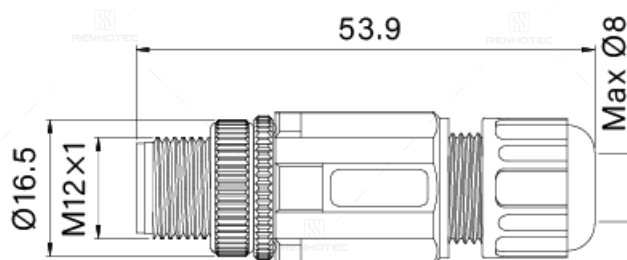
Environmental Specification

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

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.