



M8 Female Straight PCB Type Front Fastened Panel Receptacle

Part Number:

RHT-634-1201-xx



Basic Information

Connector Type	Receptacle
Contact Termination	PCB Solder
Fastening Type	Threaded
Gender	Female
Key	A, B
Mounting Type	Panel Mount
Mounting Feature	Front Fastened
Number of Positions	3 Pin, 4 Pin, 5 Pin, 6 Pin, 8 Pin
Orientation	Straight

Material Specification

Contact Finish	Gold Plating
Contact Material	Brass
Insulation Material	PA66+GF
Shell Finish	Zinc Plating
Shell Material	Copper Alloy
Wire Gauge	24AWG/0.25mm ² for 3/4/5 Pin, 26AWG/0.14mm ² for 6/8 Pin

Electrical Specification

Contact Resistance	≤5MΩ
Insulation Resistance	≥100MΩ
Rated Current	1.5A for 6/8 Pin, 3A for 3/4/5 Pin
Rated Voltage	30V for 5/6/8 Pin, 50V AC/60V DC for 3/4 Pin
Shielding	Unshielded

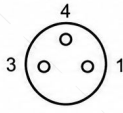
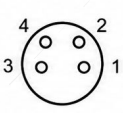
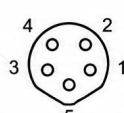
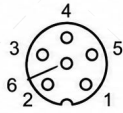
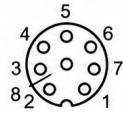
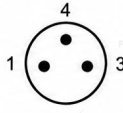
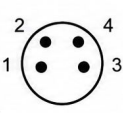
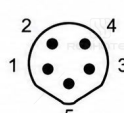
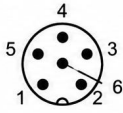
Environmental Specification

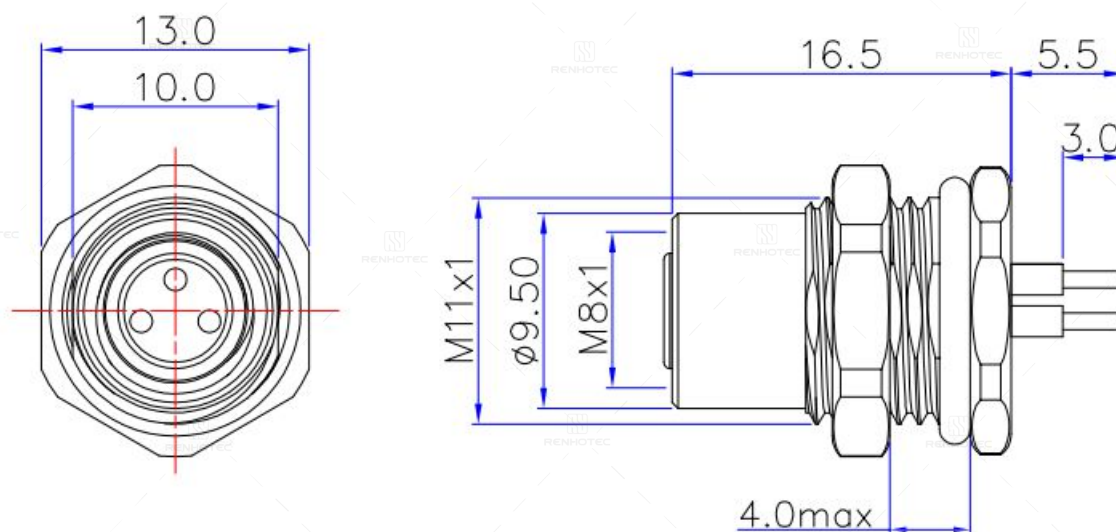
Ingress Protection	IP67
Operating Temperature	-25°C ~ + 80°C

Mechanical Specification

Mechanical Operation	>500 Mating Cycles
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Contact Layout

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

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.