

R/A M8 Female Connector Panel Mount, PCB Type

Features:

- Threaded Coupling
- IP67 (Rating)
- Pollution Degree: 3
- Products Comply With IEC 61076-2-101 Industry 4.0 Agreement, NEMA2000 Standard



Electrical Specifications

Contacts	3	4	5	6	8
Rated Current (A)	3	3	3	1.5	1.5
Rated Voltage (AC,V)	60	60	60	30	30
Rated Pulse Voltage (AC,V)	800	800	800	800	800
Insulation Resistance (MΩ)	≥100	≥100	≥100	≥100	≥100
Contact Resistance (mΩ)	≤3	≤3	≤3	≤3	≤3

Mechanical Specifications

Mating Cycles	500 Min
Coupling Mechanism	Threaded
Interface Specification	IEC 61076-2-101

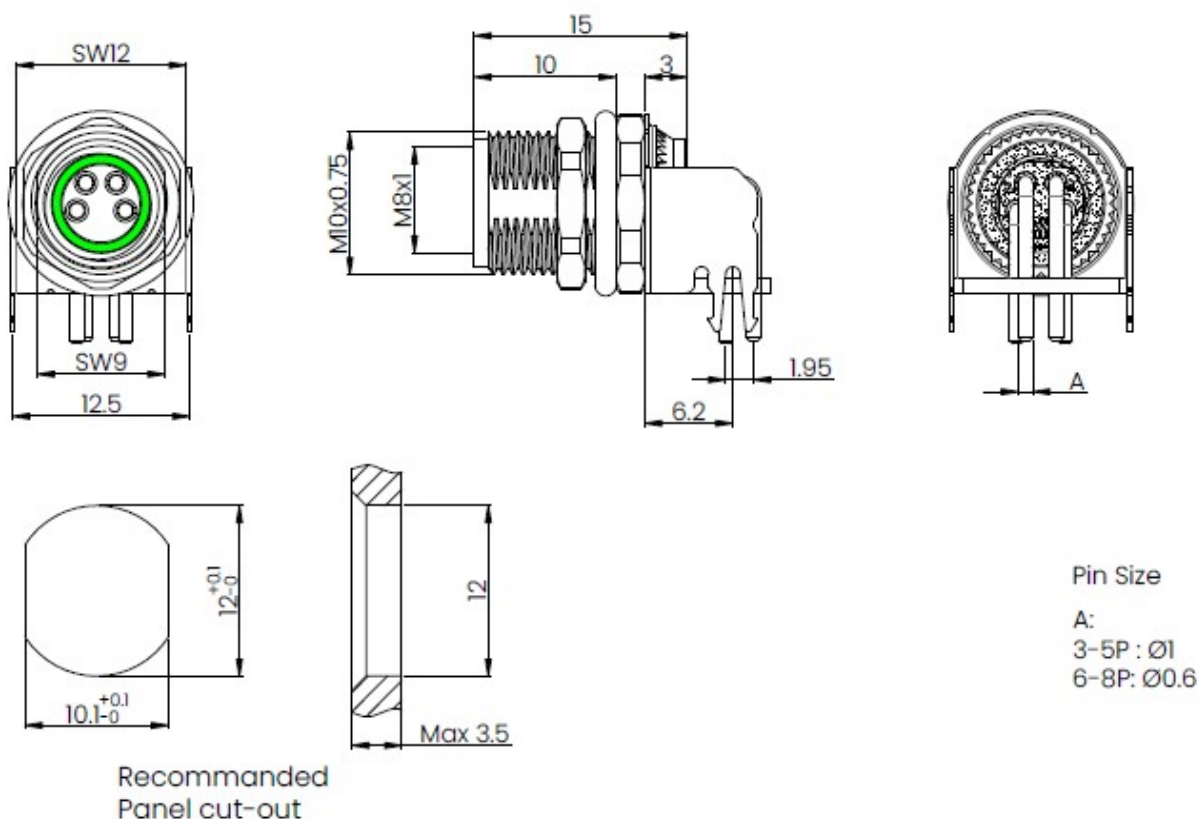
Environmental Specifications

Temperature Range	-20°C to +85°C
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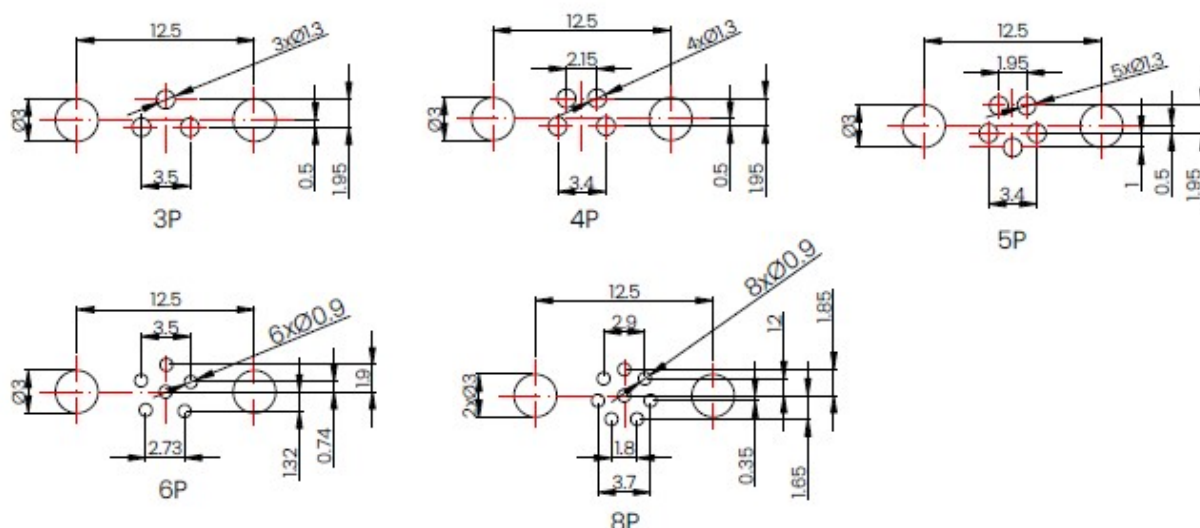
Material Specifications

Shell	Brass, Nickel Plating
Shielded	Brass, Nickel Plating
Insulator	PA66 UL94-V0, Black
Contacts	Copper Alloy, Gold Plating
Sealing Ring	NBR, Black
Nut	Brass, Nickel Plating

Drawing



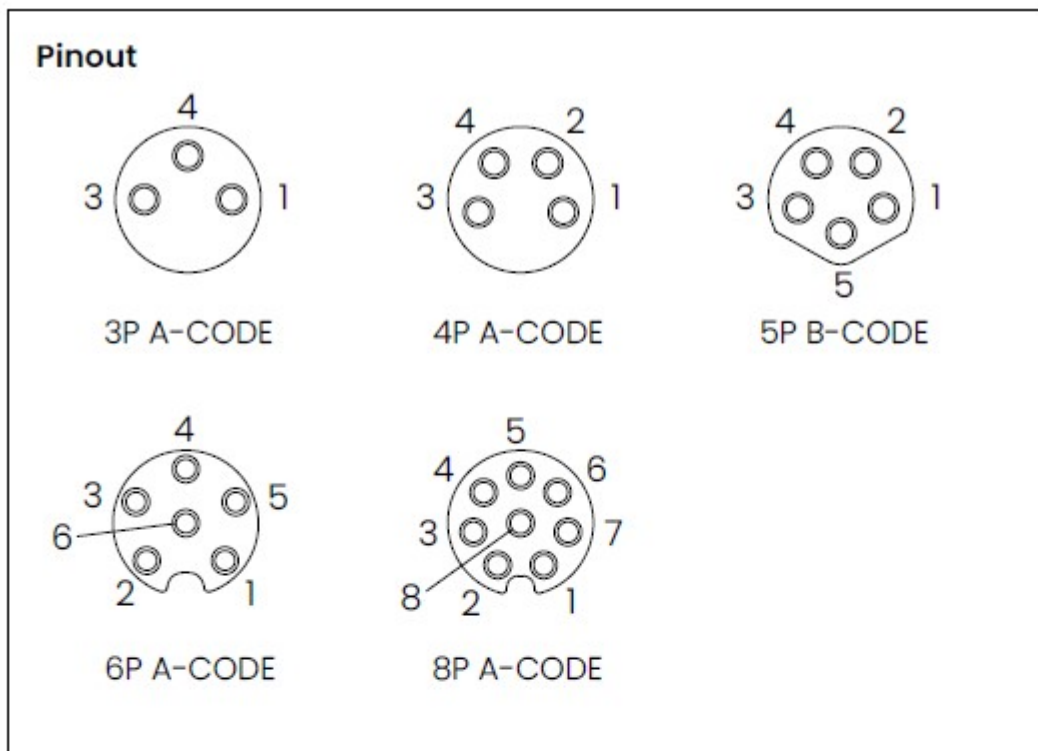
PCB Layout



Disclaimer

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Part Number



UNLESS OTHERWISE SPECIFIED
TOLERANCES FOR MILLIMETERS
ARE:

0.5 - 8mm $\pm 0.20\text{mm}$
8 - 30mm $\pm 0.25\text{mm}$
30 - 120mm $\pm 0.30\text{mm}$

Part Number:

M8-XX-X-S-1-R-B

Code:
A,B

Core count:
03, 04, 05, 06, 08

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