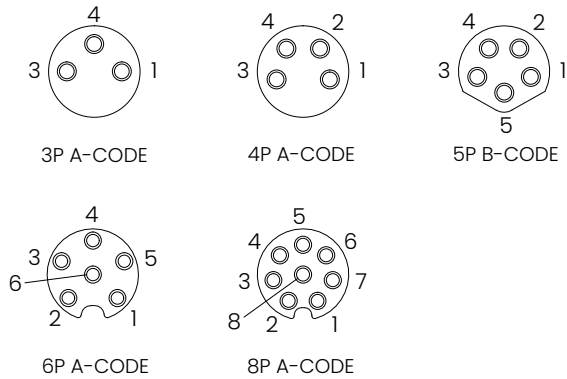


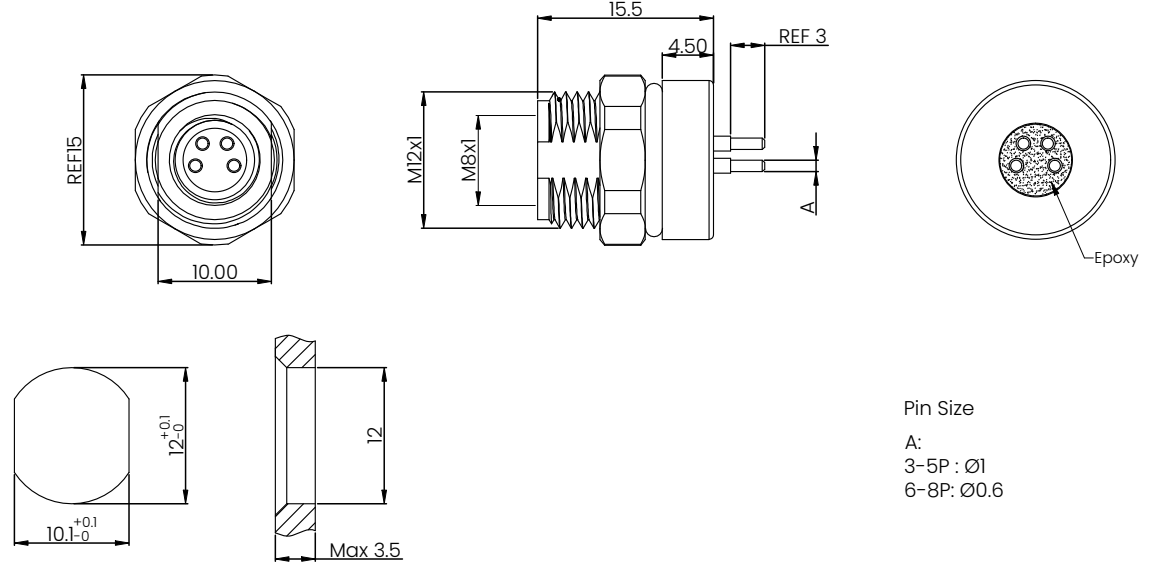
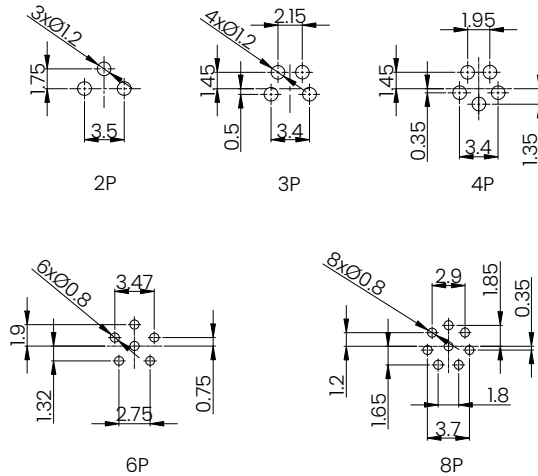


REV	DESCRIPTION	DATE	APPROVEN
R1.0	First issue	2024/03/12	JIM.KING

Pinout



PCB Layout



Pin Size
A:
3-5P : Ø1
6-8P: Ø0.6

Recommended
Panel cut-out

Part Number:

M8-XX-X-S-1-S-F

Code:
A,B

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

Technical Specifications	
Coupling	Threaded Coupling
Termination	Screw
Pollution Degree	3
Mating Cycles	≥500
IP Rating	IP67 When Mated
Temperature Range	-25°C ~ +80°C

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

5	Nut	Brass	Nickel Plating	1
4	Sealing Ring	NBR	Black	1
3	Center Pin	Copper Alloy	Gold Plating	/
2	Insulator	PA66 UL94-V0	Black	1
1	Shell	Brass	Nickel Plating	1
NO	DESCRIPTION	MATERIAL	FINISH	QTY

-TOLERANCES-
UNLESS OTHERWISE
SPECIFIED

UNLESS OTHERWISE SPECIFIED
TOLERANCES FOR MILLIMETERS
ARE:
0.5 - 8mm ± 0.20mm
8 - 30mm ± 0.25mm
30 - 120mm ± 0.30mm



Metabee (Chengdu) Technology Co., Ltd.

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PART DESCRIPTION: **M8 Female Connector,
Panel Mount, PCB Type, Front fastened**

Appd:

Jim.king

P/N: **M8-XX-X-S-1-S-F**

Check:

Date

Scale

Unit

Page

Draw:

Gavin

2024.03.12

Free

MM

1/1