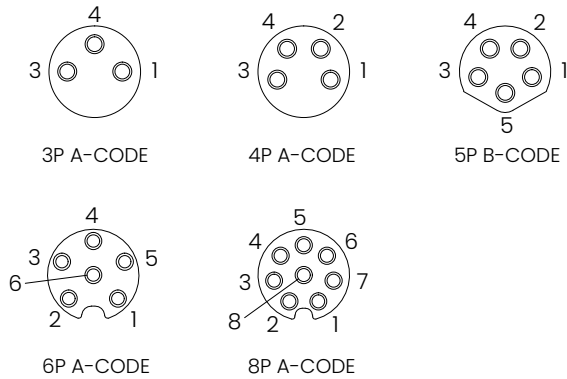


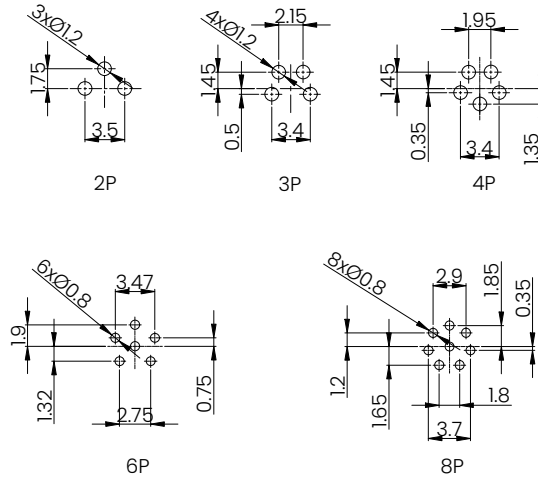


REV	DESCRIPTION	DATE	APPROVEN
R1.0	First issue	2024/03/12	JIM.KING

Pinout

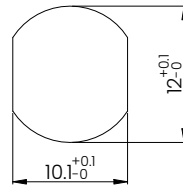
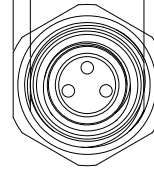


PCB Layout

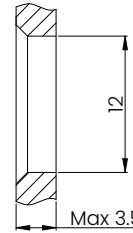


REF 13.00

10



Recommended
Panel cut-out

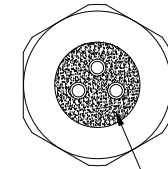
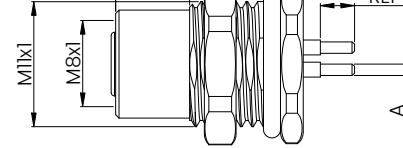


REF 16.50

REF 6.00

REF 2.00

REF 3



Epoxy

Pin Size

A:

3-5P : Ø1

6-8P : Ø0.6

Part Number:

M8-XX-X-S-I-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.

Tel: +8615926241606 E-mail: Sales@metabeeai.com



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

Appd:

Jim.king

P/N:

M8-XX-X-S-I-S-F1

Check:

Date

Scale

Unit

Page

Draw:

Gavin

2024.03.12

Free

MM

1/1