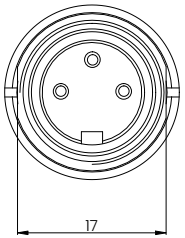
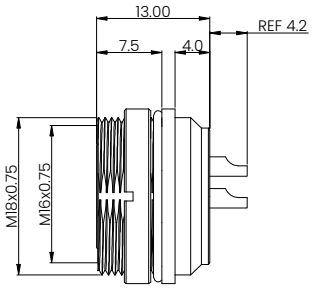
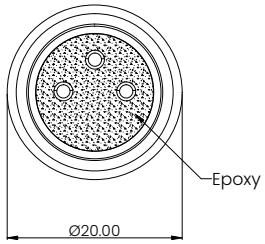
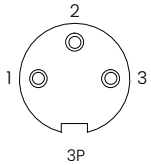
REV	DESCRIPTION	DATE	APPROVEN
R1.0	First issue	2025/03/12	JIM.KING

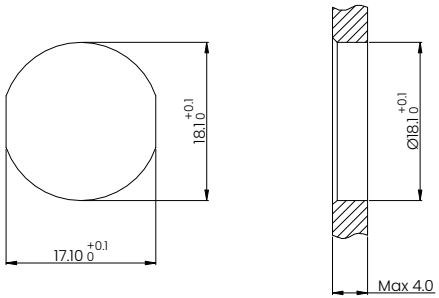






Pinout





Recommanded
Panel cut-out

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
Rated Voltage/Current	7A/250V
Rated Pulse Voltage	1500V
Insulation Resistance (MΩ)	≥100
Contact Resistance (mΩ)	≤5

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

-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
Metabee (Chengdu) Technology Co., Ltd.
Tel: +8615926241606 E-mail: Sales@metabeeai.com

PART DESCRIPTION: **M16 Female Connector, Panel Mount, Solder, Front fastened**

P/N: **M16A-3SF-DN-F002**

Appd:	Jim.king				
Check:		Date	Scale	Unit	Page
Draw:	Gavin	2025.03.12	Free	MM	1/1