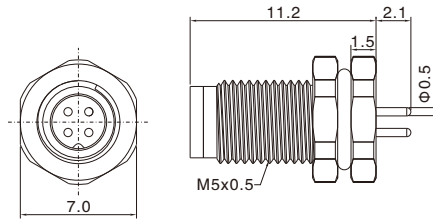


## M5 Male Panel Mount, PCB Type, Front fastened

- Connector series: M5
- Gender: Male
- Coding: A
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB05MBAFF\*\*ST

\*\*refers to pins number



### General information



Standard:	IEC 61076-2-105
Ambient temperature:	-25°C ~ +90°C
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	Epoxy resin / FKM

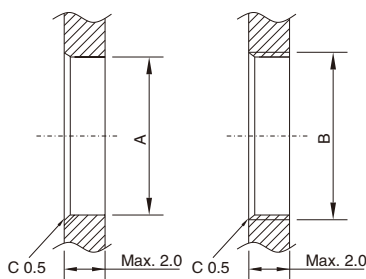
Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

### Electrical data & Mechanical data

Contacts	Contacts termination	Rated current	Voltage		Part No.
			A/C	D/C	
03 pins	PCB version	1A	60V	60V	MB05MBAFF03ST
04 pins	PCB version	1A	60V	60V	MB05MBAFF04ST

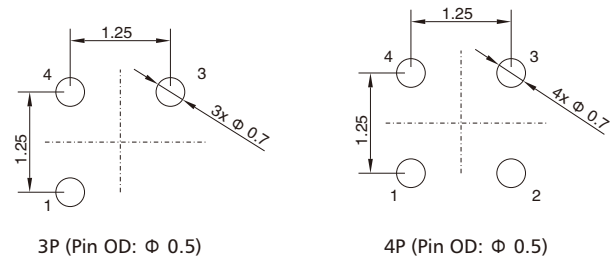
### Panel Cut-out Dimensions

With bare hole    With thread to screw in



	A	B
M5	5.0 <sup>+0.1</sup> <sub>-0</sub>	M5x0.5

### PCB Layout



### Remarks

- Please refer to Page 3 for products' part number encoding rule.