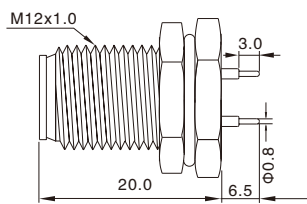# M12 Male Panel Mount, PCB Type, Front fastened

- Connector series: M12
- Gender: Male
- Coding: A,B,C,D
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB12MB*FF**ST-0

  *   refers to coding type
  ** refers to pins number

M12x1.0
3.0
H17
20.0
6.5
Φ0.8

■ General information

cULus CE RoHS IP68

Standard:	IEC 61076-2-101	Insulation resistance:	≥100MΩ
Ambient temperature:	-20℃ ~ +90℃	Contact resistance :	≤5mΩ
Connector insert:	TPU	Shielding:	Unavailable
Connector contacts:	Brass with gold plated	IP rating:	IP68 in locked condition
Connector nut/screw:	Brass with nickel plated	Panel cut-out:	Refer to page 287
Seal / O-ring:	Epoxy resin / FKM	PCB layout:	Refer to page 286
		Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Contacts	Available Coding				Contacts termination	Rated current	Voltage		Part No.
	A	B	C	D			A/C	D/C	
03 pins			(2+PE)		PCB version	4A	250V	250V	MB12MBAFF03ST-0 MB12MBBFF03ST-0 MB12MBCFF03ST-0
04 pins			(3+PE)		PCB version	4A	250V	250V	MB12MBAFF04ST-0 MB12MBBFF04ST-0 MB12MBCFF04ST-0 MB12MBDFF04ST-0
05 pins			(4+PE)		PCB version	4A 2A(C-code)	60V	60V	MB12MBAFF05ST-0 MB12MBBFF05ST-0 MB12MBCFF05ST-0
06 pins			(5+PE)		PCB version	2A	30V	30V	MB12MBCFF06ST-0
08 pins					PCB version	2A	30V	30V	MB12MBAFF08ST-0
12 pins					PCB version	1.5A	30V	30V	MB12MBAFF12ST-0
17 pins					PCB version	1.5A	30V	30V	MB12MBAFF17ST-0

■ Remarks

• Please refer to Page 96 for products' part number encoding rule.

M12 cables & connectors