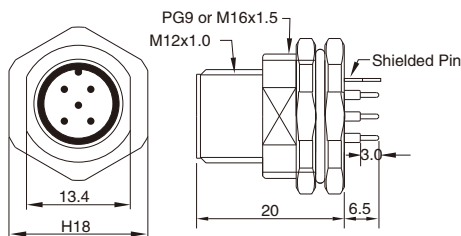# M12 Male Panel Mount, PCB Type, Front fastened, Shielded

- Connector series: M12
- Gender: Male
- Coding: A,B,C,D
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB12MBS*FF**ST-X

  *   refers to coding type
  ** refers to pins number
  X refers to Chasis-side thread size

PG9 or M16x1.5
M12x1.0
Shielded Pin
13.4
H18
20
6.5
3.0

c UL us CE RoHS IP68

General information

Standard:	IEC 61076-2-101	Insulation resistance:	≥100MΩ
Ambient temperature:	-25℃ ~ +90℃	Contact resistance :	≤5mΩ
Connector insert:	TPU	Shielding:	Available
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	(img)	(img)	(img) (2+PE)		PCB version	4A	250V	250V	MB12MBSAFF03ST-X MB12MBSBFF03ST-X MB12MBSCFF03ST-X
04 pins	(img)	(img)	(img) (3+PE)	(img)	PCB version	4A	250V	250V	MB12MBSAFF04ST-X MB12MBSBFF04ST-X MB12MBSCFF04ST-X MB12MBSDFF04ST-X
05 pins	(img)	(img)	(img) (4+PE)		PCB version	4A 2A(C-code)	60V	60V	MB12MBSAFF05ST-X MB12MBSBFF05ST-X MB12MBSCFF05ST-X
06 pins			(img) (5+PE)		PCB version	2A	30V	30V	MB12MBSCFF06ST-X
08 pins	(img)				PCB version	2A	30V	30V	MB12MBSAFF08ST-X
12 pins	(img)				PCB version	1.5A	30V	30V	MB12MBSAFF12ST-X
17 pins	(img)				PCB version	1.5A	30V	30V	MB12MBSAFF17ST-X

Note: X refers to Chasis-side thread size

Remarks

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

M12 cables & connectors