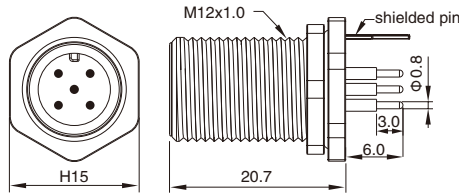


M12 Male Panel Mount, PCB Type, Front fastened, Shielded

- Connector series: M12
- Gender: Male
- Coding: A,B,C,D
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB12MBS*FF**ST-0

* refers to coding type
** refers to pins number



General information



Standard:	IEC 61076-2-101
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:	Available
IP rating:	IP68 in locked condition
Panel cut-out:	Refer to page 287
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					PCB version	4A	250V	250V	MB12MBSAFF03ST-0 MB12MBSBFF03ST-0 MB12MBSFFF03ST-0
04 pins					PCB version	4A	250V	250V	MB12MBSAFF04ST-0 MB12MBSBFF04ST-0 MB12MBSFFF04ST-0 MB12MBSDF04ST-0
05 pins					PCB version	4A 2A(C-code)	60V	60V	MB12MBSAFF05ST-0 MB12MBSBFF05ST-0 MB12MBSFFF05ST-0
06 pins					PCB version	2A	30V	30V	MB12MBSFFF06ST-0
08 pins					PCB version	2A	30V	30V	MB12MBSAFF08ST-0
12 pins					PCB version	1.5A	30V	30V	MB12MBSAFF12ST-0
17 pins					PCB version	1.5A	30V	30V	MB12MBSAFF17ST-0

Remarks

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