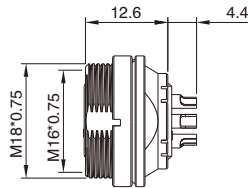
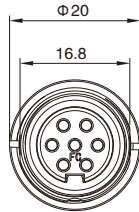


## M16 Female Panel Mount, Die-cast Screw, Solder, Front fastened

- Connector series: M16
- Gender: Female
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB16FSAFHD\*\*ST-6

\*\* refers to pins number



### General information



Standard:	IEC 61076-2-106
Ambient temperature:	-25°C ~ +70°C
Connector insert:	BPT
Connector contacts:	Brass with gold plated
Connector screw/body:	Zinc alloy with nickel plated
Coupling screw:	Brass with nickel plated

Seal/ O-ring:	NBR/FKM
Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP65, IP67 in locked condition
Mating endurance:	>100 cycles

### Electrical data & Mechanical data

Contacts	Contact termination	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.	
			A/C	D/C	AWG	mm <sup>2</sup>			
02 pins		Solder version	7A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MB16FSAFHD02ST-6
03 pins		Solder version	7A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MB16FSAFHD03ST-6
04 pins		Solder version	6A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MB16FSAFHD04ST-6
05 pins-a		Solder version	6A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MB16FSAFHD05AST-6
05 pins-b		Solder version	6A(40°C)	60V	32V	18AWG	0.75	PUR/PVC	MB16FSAFHD05BST-6
06 pins		Solder version	5A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MB16FSAFHD06ST-6
07 pins-a		Solder version	5A(40°C)	125V	32V	18AWG	0.75	PUR/PVC	MB16FSAFHD07AST-6
07 pins-b		Solder version	5A(40°C)	60V	32V	18AWG	0.75	PUR/PVC	MB16FSAFHD07BST-6
08 pins		Solder version	5A(40°C)	60V	32V	18AWG	0.75	PUR/PVC	MB16FSAFHD08ST-6
14 pins		Solder version	3A(40°C)	60V	32V	Max.24AWG	Max.0.25	PUR/PVC	MB16FSAFHD14ST-6
19 pins		Solder version	3A(40°C)	60V	32V	Max.24AWG	Max.0.25	PUR/PVC	MB16FSAFHD19ST-6

### Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm<sup>2</sup>.
- Please Refer to page 292 for products' part number encoding rule.