

Detailed Product Description:

Waterproof connector rating is IP67

Per ISO-20653,IEC60529

Connector Electrical character

Rating voltage: IEC

Insulation resistance: >100MΩ

Rating current: IEC

Contact resistance of connector <5mΩ

Mechanical characteristics: mating/cycle >500 cycles

Operating temperature: -25°C ~ +85°C

Other Specification

Contact PIN: Brass copper with Gold plating

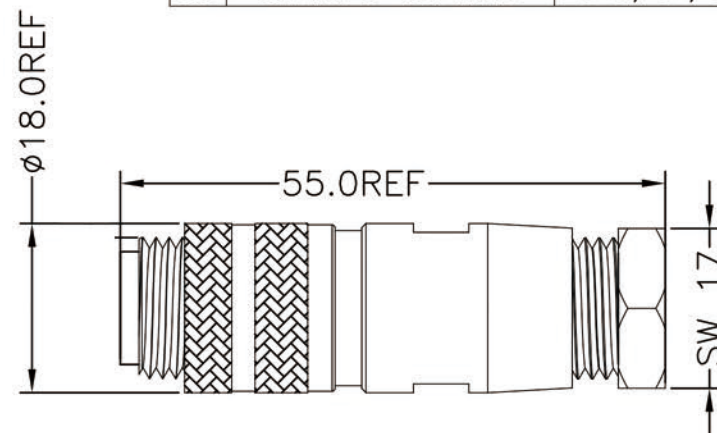
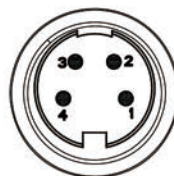
Coupling nut/screw: Brass nickel plated

Insulation plastic: PA66+GF UL94 V-0

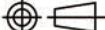
*ALL MATERIALS ARE RoHS COMPLIANT

Electrical character

Part Number	Contacts		Rated voltage				Rated current	Contact Resistance	Cable OD (mm)
			A/C		D/C				
160002-01-001			100V		100V		5A	5mΩ	5~7.5mm
160003-01-001			100V		100V		5A	5mΩ	5~7.5mm
160004-01-001			100V		100V		5A	5mΩ	5~7.5mm
160005-01-001 160005-01-002(DIN)		 DIN	63V	32V	63V	32V	5A	5mΩ	5~7.5mm
160006-01-001			63V		63V		5A	5mΩ	5~7.5mm
160007-01-001 160007-01-002(DIN)		 DIN	63V	32V	63V	32V	5A	5mΩ	5~7.5mm
160008-01-001			32V		32V		5A	5mΩ	5~7.5mm
160012-01-001			32V		32V		1A	5mΩ	5~7.5mm
160014-01-001	 14-b		32V		32V		1A	5mΩ	5~7.5mm
160016-01-001			32V		32V		1A	5mΩ	5~7.5mm
160019-01-001			32V		32V		1A	5mΩ	5~7.5mm
160024-01-001			32V		32V		1A	5mΩ	5~7.5mm



REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2019/07/29	ZZJ

 SIGNAL®		TITLE	
Shenzhen Signal Electronics co.,Ltd		M16 *P/M ASSEMBLY CONNECTOR	
DRAWN BY	DATE	SGN NO	SEE LIST
CHECKED BY	DATE	DWG NO	REV.
CHECKED BY	DATE	CUSTOMER	S0
APPROVED BY	DATE	TOLERANCES ARE:	THIRD ANGLE PROJECTION
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SIGNAL COMPANY. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF SIGNAL COMPANY IS PROHIBITED.		DECIMALES	ANGLES
		.x ±0.5	x.* ±1.0°
		.xx ±0.2	.x' ±0.5°
			
		SIZE:	A4
		SCALE:	UNITS: mm
			SHEET: 1 OF 1