

REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2021/11/08	ZZJ
S1	CREATED DRAWING	2022/06/09	CYF

Detailed Product Description:
Waterproof connector rating is IP67
Per ISO-20653, IEC60529

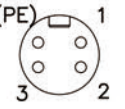
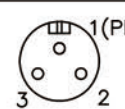
Connector Electrical character
Rating voltage: SEE LIST
Insulation resistance: >100MΩ
Rating current: SEE LIST
Contact resistance of connector <10mΩ
Mechanical characteristics: mating/cycle >100 cycle
Operating temperature: -25°C ~ +85°C

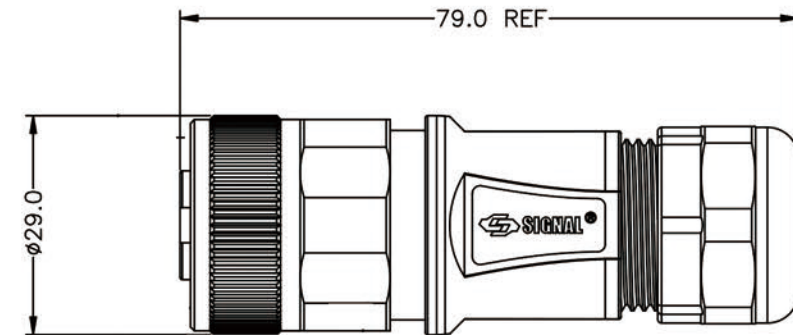
Other Specification
Contact PIN: Brass copper with Gold plating
Coupling nut/screw: Brass nickel plated
Contact body material: TPU
Insulation plastic: PA66+GF UL94 V-0

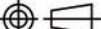
Conductor installation method: lock screw
Torque : 0.8 Nm (7/8" plug-in connector) / 0.4 Nm (screw terminal)
Cross-sectional area: MAX 1.5mm²
1 Nm ... 1.4 Nm (fastening nut)

*ALL MATERIALS ARE RoHS COMPLIANT

Electrical character

Part Number	Contacts	Rated voltage		Rated current	Cable OD (mm)
		A/C	D/C		
780005-02-006		300V	300V	9A	6.0~12.0
780004-02-004		300V	300V	9A	6.0~12.0
780003-02-004		300V	300V	12A	6.0~12.0



 SIGNAL®		TITLE	
Shenzhen Signal Electronics co.,Ltd		7/8" *P/F ASSEMBLY CONNECTOR	
DRAWN BY	DATE	SGN NO	SEE LIST
CHECKED BY	DATE	DWG NO	REV.
CHECKED BY	DATE	CUSTOMER	
APPROVED BY	DATE	S1	
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		DECIMALES	ANGLES
		.x ±0.5	x.* ±1.0°
		.xx ±0.2	.x.* ±0.5°
		THIRD ANGLE PROJECTION	
		SIZE: A4	UNITS: mm
		SCALE:	SHEET: 1 OF 1