

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

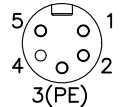
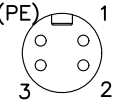
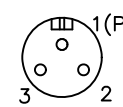
Other Specification

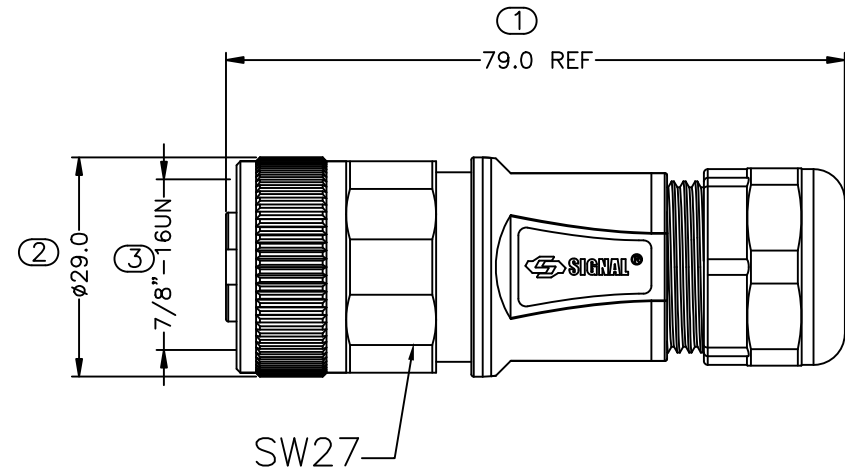
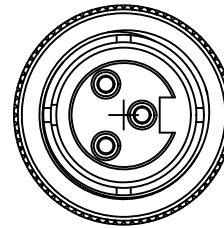
Contact PIN: Brass copper with Gold plating
Coupling nut/screw: Brass nickel plated
Contact body material: TPU
Insulation plastic: PA66+GF UL94 V-0

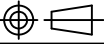
Conductor installation method: lock screw
Torque : 0.8 Nm (7/8" plug-in connector) / 0.4 Nm (screw terminal)
Cross-sectional area: MAX 1.5mm²
1 Nm ... 1.4 Nm (fastening nut)

*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



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