

PROJECT NO:

XXX

REV

S0

DESCRIPTION

CREATED DRAWING

DATE

2022/11/09

APPROVED

CYF

DETAILED PRODUCT DESCRIPTION:

WATERPROOF CONNECTOR RATING IS IP67
THEY CAN NOT BE USED PERMANENTLY UNDER WATER
PER ISO-20653, IEC60529

CONNECTOR ELECTRICAL CHARACTER

RATING VOLTAGE: SEE TABLE
INSULATION RESISTANCE: >100MΩ
RATING CURRENT: SEE TABLE
CONTACT RESISTANCE OF CONNECTOR <10mΩ
MECHANICAL CHARACTERISTICS: MATING/CYCLE >100 CYCLE
OPERATING TEMPERATURE: -25°C ~ +85°C

OTHER SPECIFICATION

CONTACT PIN: BRASS GOLD-PLATED 1u"
COUPLING NUT/SCREW: BRASS NICKEL PLATED
CONTACT BODY MATERIAL: TPU BLACK
INSULATION PLASTIC: PA66+GF UL94 V-0

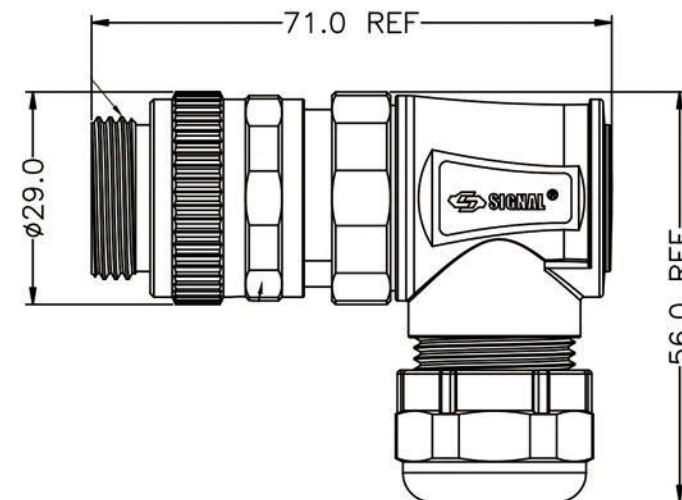
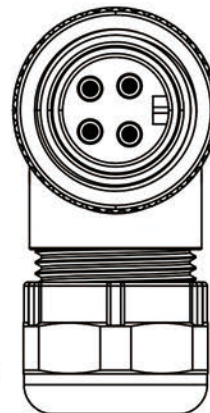
CONDUCTOR INSTALLATION METHOD: LOCK SCREW

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		
780005-01-002		300V	300V	9A	6.0~12.0
780004-01-002		300V	300V	9A	6.0~12.0
780003-01-002		300V	300V	12A	6.0~12.0



Shenzhen Signal Electronics co.,Ltd

TITLE 7/8" *P/M ASSEMBLY CONNECTOR
90 DEG

DRAWN BY	DATE	SGN NO	SEE TABLE	REV.
CHECKED BY	DATE	DWG NO		
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	SIZE: A4
		.x ±0.50	x.* ±2.0°	UNITS: mm
		.xx ±0.20	.x.* ±1.0°	SCALE: 1:1
		SHEET: 1 OF 1		