

PROJECT NO:
SGNYD2209083

REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2022/09/22	CYF

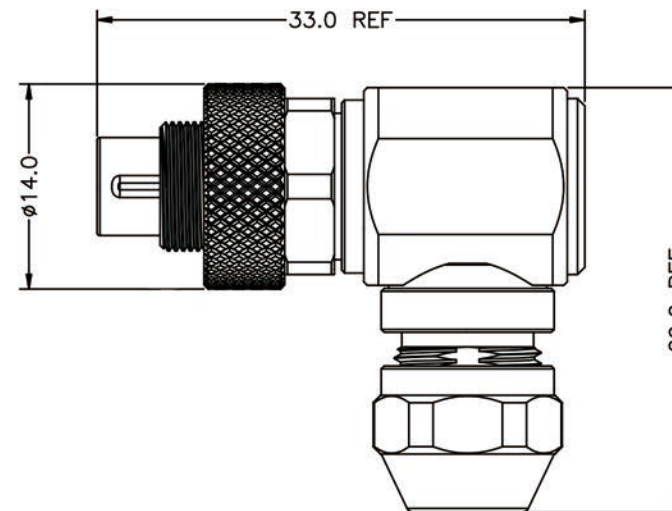
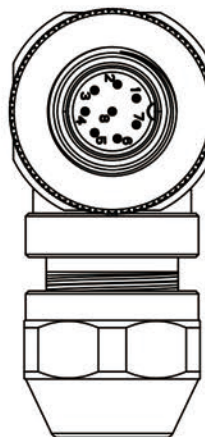
DETAILED PRODUCT DESCRIPTION:
WATERPROOF CONNECTOR RATING IS IP67
THEY CAN NOT BE USED PERMANENTLY UNDER WATER
PER ISO-20653, IEC60529

ELECTRICAL PROPERTIES AT +20°C
RATING VOLTAGE: SEE TABLE
INSULATION RESISTANCE: >100MΩ
RATING CURRENT: SEE TABLE
CONTACT RESISTANCE OF CONNECTOR ≤10mΩ
MECHANICAL CHARACTERISTICS: MATING CYCLE >100 CYCLES
OPERATING TEMPERATURE: -25°C ~ +85°C
TIGHTENING TORQUE (RANGE) 0.4NM

OTHER SPECIFICATION

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

ALL MATERIALS ARE ROHS COMPLIANT



ELECTRICAL CHARACTER:

SGN NO	Contacts	Rated voltage		Rated current	Cable OD(mm)
		AC	DC		
090002-01-002		125V	125V	4A	3.5~5.5
090003-01-002		125V	125V	4A	3.5~5.5
090004-01-004		125V	125V	3A	3.5~5.5
090005-01-002		125V	125V	3A	3.5~5.5
090007-01-002		125V	125V	1A	3.5~5.5
090008-01-005		125V	125V	1A	3.5~5.5

SIGNAL [®] Shenzhen Signal Electronics co.,Ltd	TITLE M9 MALE ASSEMBLY CONNECTOR 90 DEG	
	SGN NO	SEE TABLE
DRAWN BY	DATE	REV.
CHECKED BY	DATE	DWG NO
CHECKED BY	DATE	CUSTOMER
APPROVED BY	DATE	REV.
TOLERANCES ARE:		THIRD ANGLE PROJECTION
DECIMALES	ANGLES	SIZE: A4
.x ±0.50	x.* ±2.0°	UNITS: mm
.xx ±0.20	.x.* ±1.0°	SCALE: 1:1
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