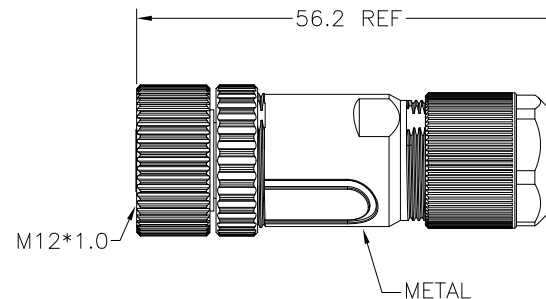
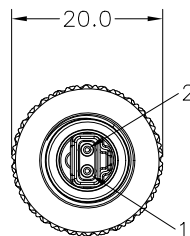


A	B	C	D	E	F	G	H	I	J	
PROJECT NO:							REV	DESCRIPTION	DATE	APPROVED
SGNS2608002							S0	CREATED DRAWING	2026/08/28	CYF



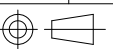
DETAILED PRODUCT DESCRIPTION:
WATERPROOF CONNECTOR RATING IS IP67
THEY CAN NOT BE USED PERMANENTLY UNDER WATER
PER ISO-20653, IEC60529

ELECTRICAL PROPERTIES AT +20°C
RATING VOLTAGE: 60V AC/DC
INSULATION RESISTANCE: >100MΩ
RATING CURRENT: 4A
CONTACT RESISTANCE OF CONNECTOR ≤20mΩ
MECHANICAL CHARACTERISTICS: MATING CYCLE >50 CYCLES
OPERATING TEMPERATURE: -25°C ~ +85°C
TIGHTENING TORQUE (RANGE) 0.4NM
ACCORDING TO IEC 63171-6

ALL MATERIALS ARE ROHS COMPLIANT

Screw Locking
CABLE OD: Ø6.0-Ø8.0mm

⑤	N/A	O-RING FKM	1	SET
④	N/A	SPE BLACK PA66 INSULATOR	1	PCS
③	N/A	SPE TERMINAL COPPER ALLOYS WITH GOLD PLATING 1u"	2	PCS
②	N/A	M12 BRASS WITH NI PLATING NUT	1	SET
①	N/A	M12 METAL NICKEL-PLATED ZINC ALLOY ASSEMBLY SHELL	1	SET
ITEM	PART NO.	SPECIFICATION	Q'TY	UNIT

 Shenzhen Signal Electronics Co., Ltd		TITLE M12 SPE 2P F 180° ASSEMBLY CONNECTOR	
		SGN NO 940002-02-005	REV. S0
DRAWN BY	DATE	DWG NO	CUSTOMER
CHECKED BY	DATE		
CHECKED BY	DATE		
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.		TOLERANCES ARE:	THIRD ANGLE PROJECTION 
		DECIMALES	ANGLES
		.x ±0.50 .xx ±0.20	x.* ±2.0° .x.* ±1.0°
		SIZE: A4	UNITS: mm
		SCALE: 1:1	SHEET: 1 OF 1