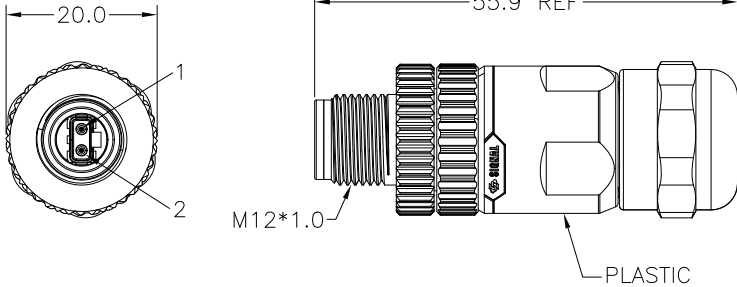


A		B	C	D	E	F	G	H	I	J
PROJECT NO:										
SGNS2608002										

REV	DESCRIPTION	DATE	APPROVED
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

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 BLACK PA66 PLASTIC ASSEMBLY SHELL	1	SET
ITEM	PART NO.	SPECIFICATION	Q'TY	UNIT

 Shenzhen Signal Electronics Co., Ltd		TITLE M12 SPE 2P M 180° ASSEMBLY CONNECTOR	
DRAWN BY		DATE	REV.
CHECKED BY		DATE	SO
CHECKED BY		DATE	SO
APPROVED BY		DATE	SO
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: DECIMALES ANGLES .x ±0.50 x.* ±2.0° .xx ±0.20 .x.* ±1.0°	THIRD ANGLE PROJECTION SIZE: A4 UNITS: mm SCALE: 1:1 SHEET: 1 OF 1