

PROJECT NO:

XXXXXXXX

REV

S0

DESCRIPTION

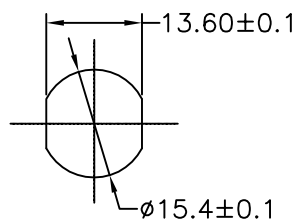
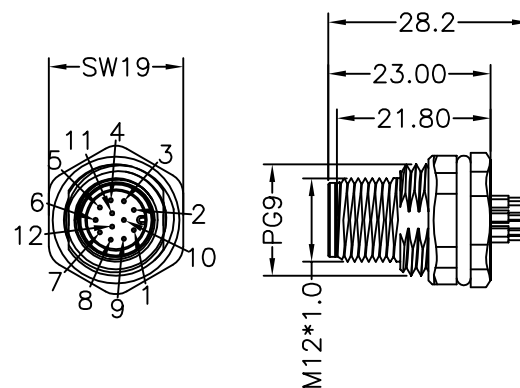
CREATED DRAWING

DATE

2022/03/08

APPROVED

YMX

RECOMMEND
PANEL CUT-OUT

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: 30V ,

Insulation resistance: >100MΩ

Rating current : 1.5A

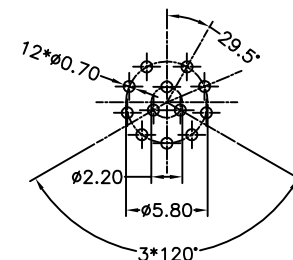
Contact resistance of connector ≤5mΩ

Mechanical characteristics: mating / cycle >100 cycles

Operating temperature: -25°C ~ +85°C

Gold plated PIN needle: 1u"

*ALL MATERIALS ARE RoHS COMPLIANT.



RECOMMENDED PCB LAYOUT

⑥	GL00002	BLACK GLUE A/B (ETHOXYLINE RESIN)	2	g
⑤	OR00008	O-Ring GREEN FKM $\phi 13.0 \times \phi 2.0$ mm	1	PCS
④	NU00009	PG9 BRASS PLATED NI L*W=4*19mm	1	PCS
③	WK00053	M12 BRASS WITH NI PLATED, MALE PG9 L=21.8mm	1	PCS
②	TE00198	M12 A TYPE MALE Copper Gold-plated 1u" Plate end $\phi 0.6$ mm L=26.2mm	12	PCS
①	CN00107	M12 A TYPE 12PIN MALE BLACK NYLON Plastic core	1	PCS
ITEM	PART NO.	SPECIFICATION	Q'TY	UNIT




ShenZhen Signal Electronics co., Ltd

DRAWN BY	DATE
CHECKED BY	DATE
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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.TITLE
M12 12P/M FRONT FASTENED
(PG9) CONNECTOR

SGN NO	120112-03-009	REV.
DWG NO		
CUSTOMER		S0

TOLERANCES ARE:		THIRD ANGLE	
DECIMALES	ANGLES	PROJECTION	
.x ±0.5	x.° ±2.0°	SIZE: A4	UNITS: mm
.xx ±0.20	.x' ±1.0'	SCALE:	SHEET: