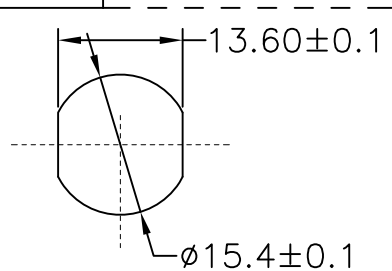


PROJECT NO:
SGNYD1712012-3

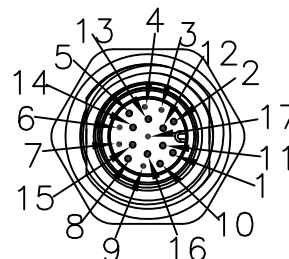


RECOMMENDED
PANEL CUT-OUT

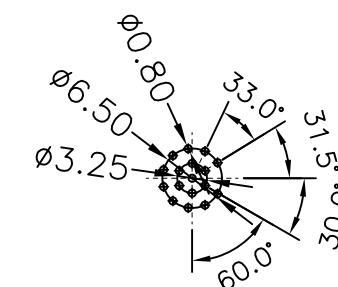
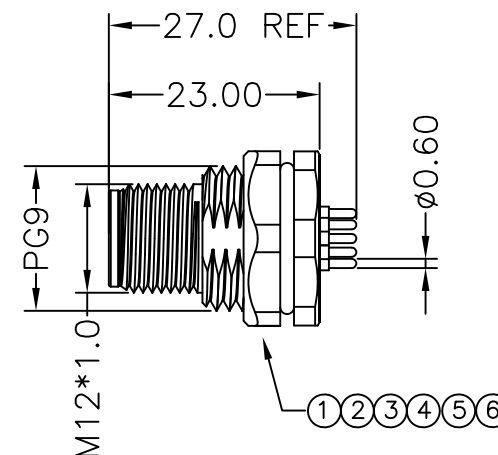
Detailed Product Description:
Waterproof connector rating is IP67
They can not be used permanently under water.

Connector Electrical character
Rating voltage: 30V AC/DC
Insulation resistance: >100MΩ
Rating current: 2A
Contact resistance of connector ≤5mΩ
Mechanical characteristics: mating / cycle >100 cycle
Operating temperature: -25°C ~ +85°

*ALL MATERIALS ARE RoHS COMPLIANT.



REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2017/12/11	CRB
S1	UPDATE DRAWING	2018/6/6	CRB



RECOMMENDED PCB LAYOUT

⑥	GL00002	BLACK EPOXY RESIN	2	g
⑤	OR00008	O-RING GREEN Ø13.0*Ø2.0mm	1	PCS
④	NU00009	PG9 BRASS PLATED NI L*W=4*19mm	1	PCS
③	N/A	M12 Ø0.6 BRASS PLATED 1U' L=25.0MM PLATE DUANGONG NEEDLE	17	PCS
②	N/A	M12 A TYPE 17P BLACK NYLON AND RUBBER CORE PINHOLE	1	PCS
①	N/A	M12 BRASS WITH NI PLATED,FEMALE FRONT MOUNT PG9 L=21.8mm	1	PCS
ITEM	PART NO.	SPECIFICATION	Q'TY	UNIT

SIGNAL®
Shenzhen Signal Electronics Co., LTD

DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE

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TITLE M12 A 17P/M FRONT MOUNT(PG9) CONNECTOR	
SGN NO 120117-03-009	REV. S1
DWG NO SGNYD1712012-3	
CUSTOMER	
TOLERANCES ARE: DECIMALES .x ±0.5 .xx ±0.20 ANGLES x.' ±2.0' .x' ±1.0'	THIRD ANGLE PROJECTION SIZE: A4 UNITS: mm SCALE: SHEET: 1 OF 1