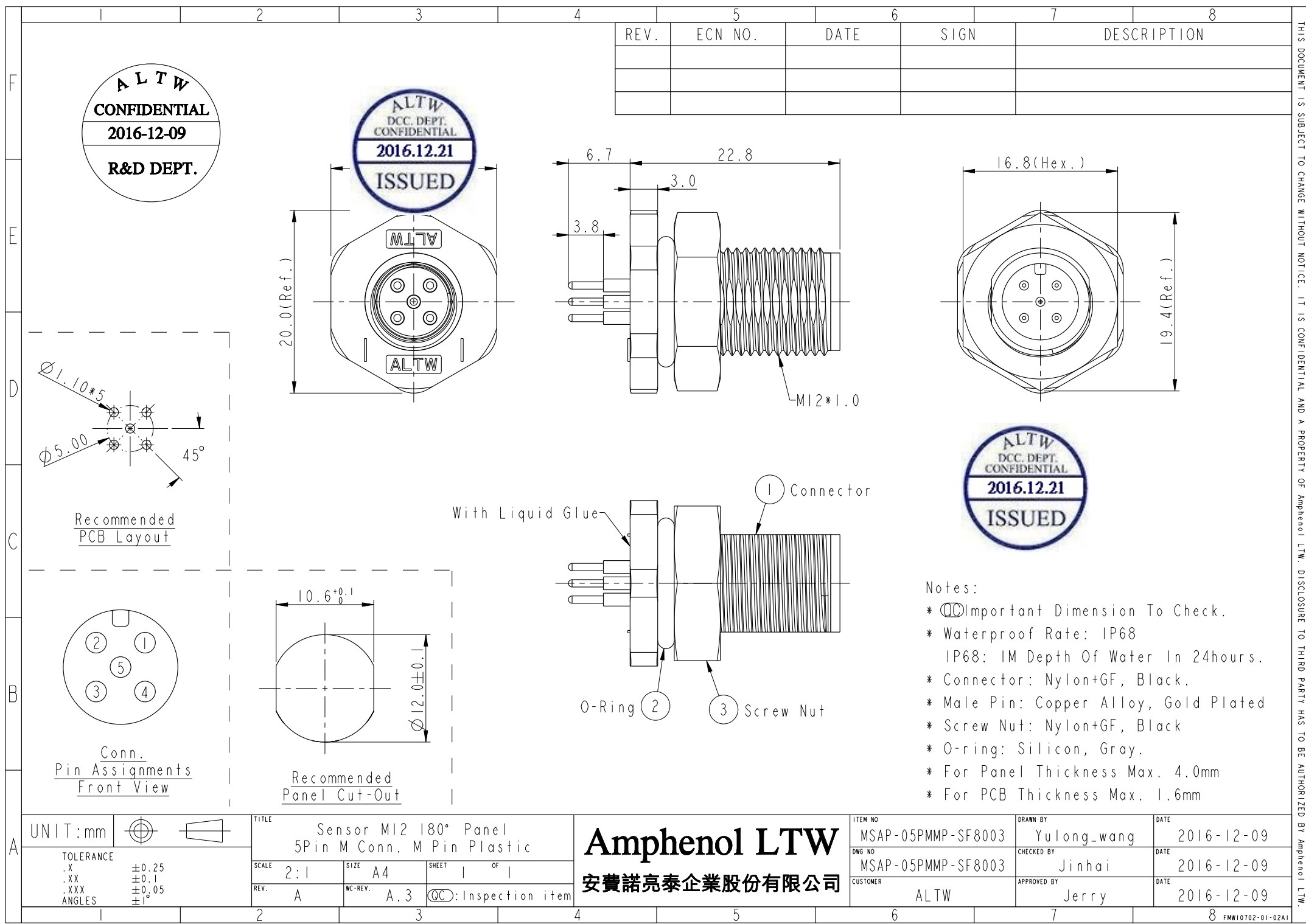
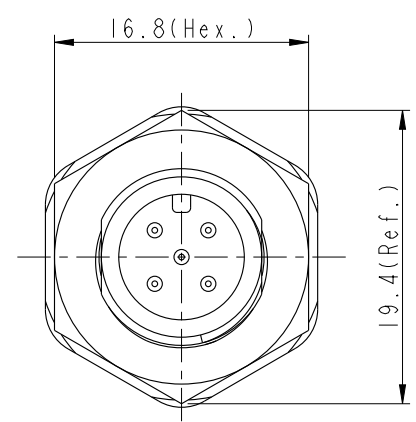
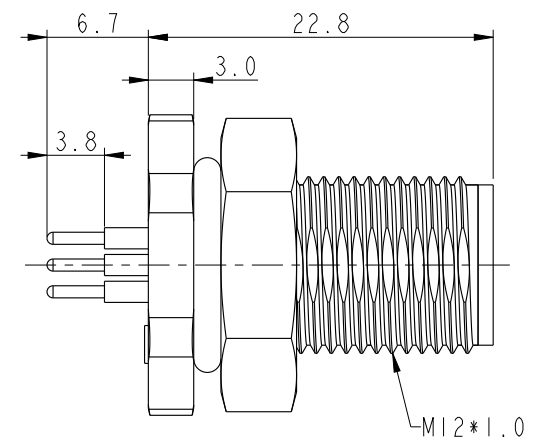
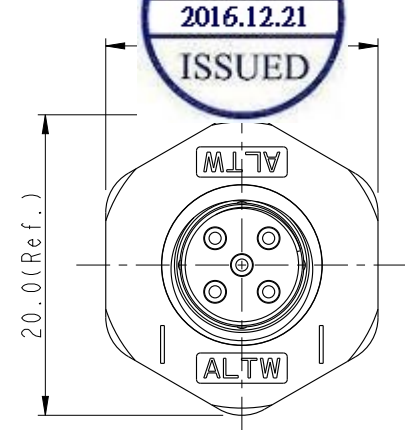




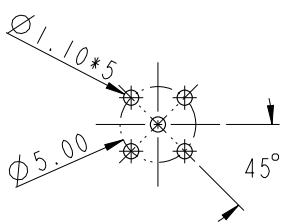
ALTW
CONFIDENTIAL
2016-12-09
R&D DEPT.

ALTW
DCC. DEPT.
CONFIDENTIAL
2016.12.21
ISSUED

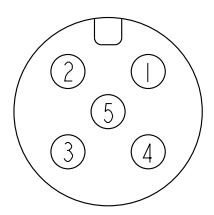
REV.	ECN NO.	DATE	SIGN	DESCRIPTION



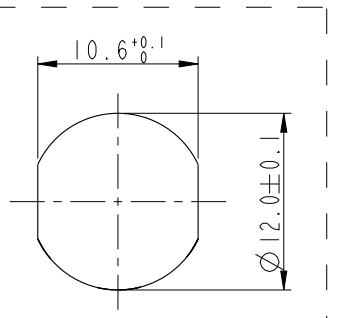
ALTW
DCC. DEPT.
CONFIDENTIAL
2016.12.21
ISSUED



Recommended
PCB Layout

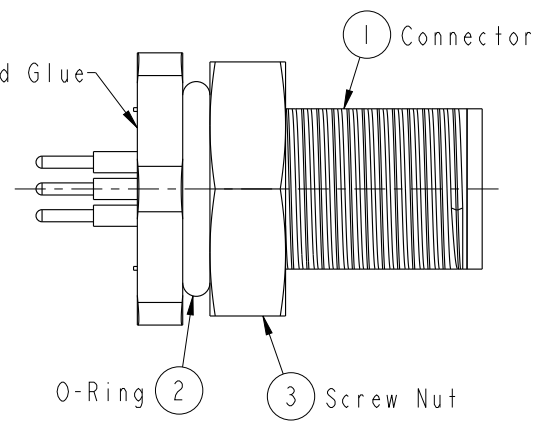


Conn.
Pin Assignments
Front View



Recommended
Panel Cut-Out

With Liquid Glue



Notes:

- * $\varnothing$ Important Dimension To Check.
- * Waterproof Rate: IP68
IP68: 1M Depth Of Water In 24hours.
- * Connector: Nylon+GF, Black.
- * Male Pin: Copper Alloy, Gold Plated
- * Screw Nut: Nylon+GF, Black
- * O-ring: Silicon, Gray.
- * For Panel Thickness Max. 4.0mm
- * For PCB Thickness Max. 1.6mm

UNIT:mm		TITLE		ITEM NO		DRAWN BY		DATE	
TOLERANCE		Sensor M12 180° Panel		MSAP-05PMMP-SF8003		Yulong_wang		2016-12-09	
.X		5Pin M Conn. M Pin Plastic		DWG NO		Jinhai		2016-12-09	
.XX		SCALE		MSAP-05PMMP-SF8003		APPROVED BY		2016-12-09	
.XXX		2:1		CUSTOMER		Jerry		2016-12-09	
ANGLES		REV.		ALTW					
±0.25		A							
±0.1		WC-REV.							
±0.05		A.3							
±1°		QC:Inspection item							

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