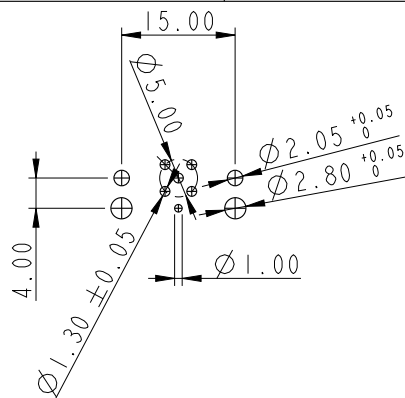
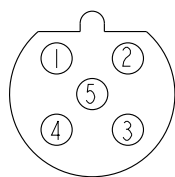
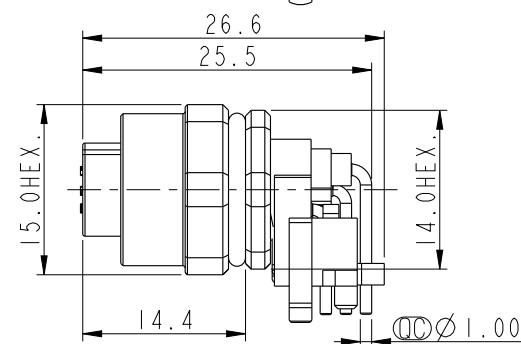
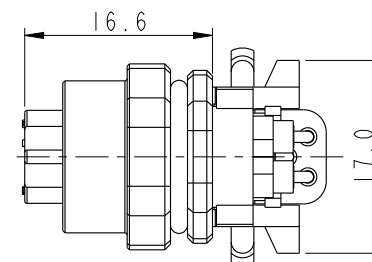
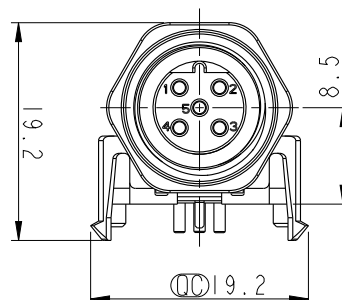
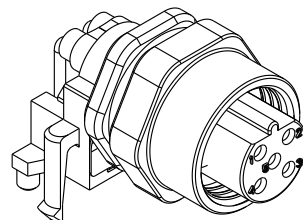
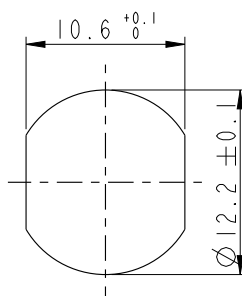


REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	C200275	2020-03-13	Nan_Su	△B*1

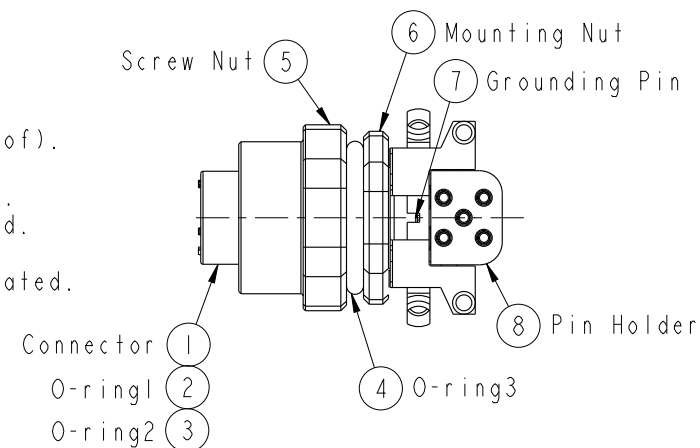


Recommended PCB Layout

Conn.
Pin Assignments
Front ViewRecommended
Panel Cut-Out

Note:

- * ⌀ Important Dimension To Check.
- * Waterproof Rating: IP67(Mated Waterproof).
- * Connector: PBT+PC, Black.
- * Female Pins: Copper Alloy, Gold Plated.
- * Mounting Nut: Zinc Alloy, Nickel Plated.
- * Screw Nut: Zinc Alloy, Nickel Plated.
- * Grounding Pin: Copper Alloy, Nickel Plated.
- * O-ring1: Silicon, Black.
- * O-ring2: Silicon, Gray.
- * O-ring3: Silicon, Gray.
- * Pin Holder: PBT+PC, Black.
- * For Panel Thickness Max. 3.0mm.
- * For PCB Thickness Max. 1.6mm.



UNIT:mm		TITLE		Amphenol LTW		ITEM NO	DRAWN BY	DATE
		M12,90° Panel,w/ Grounding Pin		安費諾亮泰企業股份有限公司		MSBS-05PFFR-SF7003	Yulong_wang	2016-12-11
TOLERANCE		SCALE	SIZE	SHEET	OF	DWG NO	CHECKED BY	DATE
.X ±0.25		3:2	A4	1	1	MSBS-05PFFR-SF7003	Jinhai	2016-12-11
.XX ±0.1		REV.	WC-REV.	Circled Inspection item		CUSTOMER	APPROVED BY	DATE
.XXX ±0.05		B	A.1			ALTW	Jerry	2016-12-11
ANGLES ±1°								