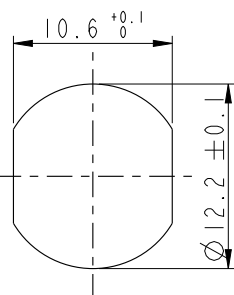
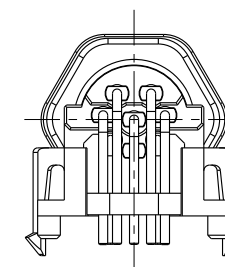
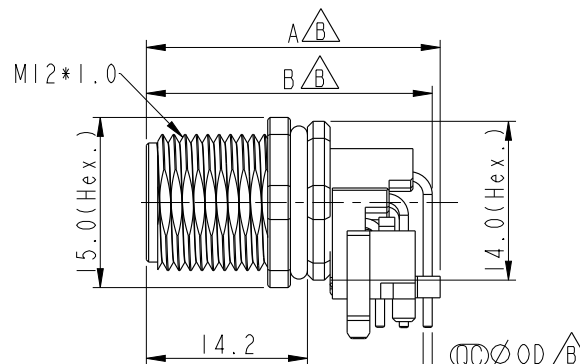
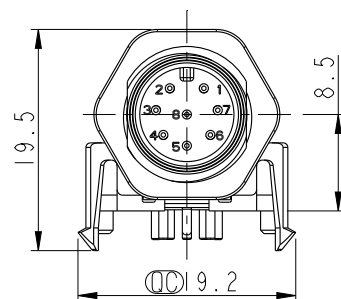
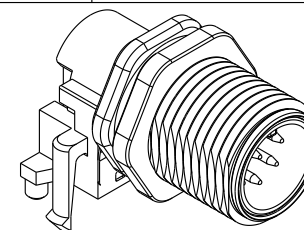
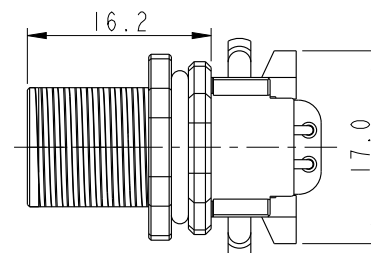
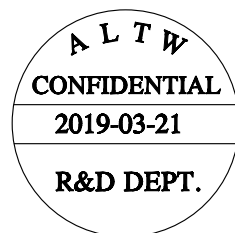
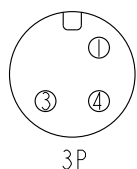


REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	C190510	2019-03-21	Su Nan	Add The Size Table

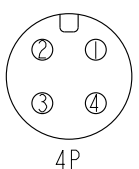
Recommended
Panel Cut-Out

MSAS-03PMMR-SF7003	26.1	25.0	1.0
MSAS-04PMMR-SF7003	26.1	25.0	1.0
MSAS-05PMMR-SF7003	26.1	25.0	1.0
MSAS-08PMMR-SF7003	25.9	25.2	0.8

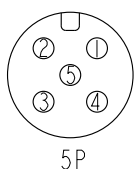
Item No.	A	B	OD
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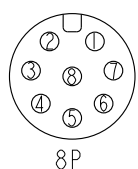
3P



4P

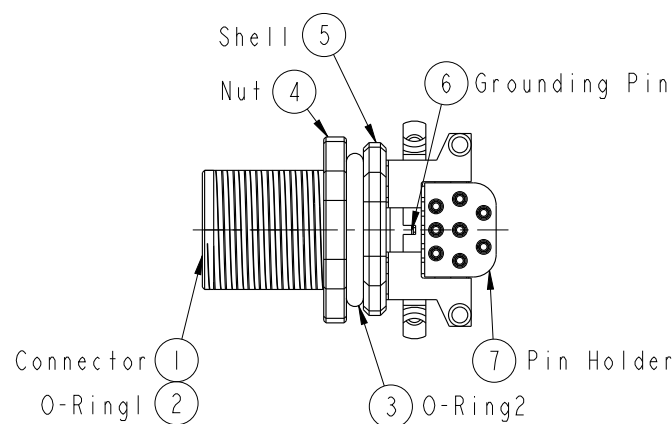


5P



8P

Pin Assignment Front View



Note:

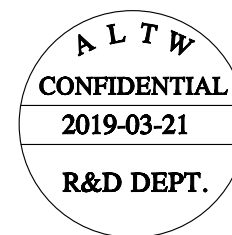
- * Important Dimension To Check.
- * Waterproof Rating: IP67(Mated Waterproof)
- * Connector: PBT+PC, Black
- * Male Pins: Copper Alloy, Gold Plated
- * Shell: Zinc Alloy, Nickel Plated
- * Nut: Zinc Alloy, Nickel Plated
- * Grounding Pin: Copper Alloy, Tin Plated
- * O-Ring1: Silicone, Black
- * O-Ring2: Silicone, Gray
- * Pin Holder: PBT+PC, Black
- * Rated Voltage: 3 & 4Pin 250V dc. or ac.
5Pin 60V dc. or ac.
8Pin 30V dc. or ac.
- * Rated Current: 3~5Pin 4A
8Pin 2A
- * For Panel Thickness Max. 3.0mm
- * For PCB Thickness Max. 1.5mm

UNIT:mm		TITLE	M12, 90° Panel, w/ Grounding Pin MCONN MPIN (Mated Waterproof)		
TOLERANCE	.X ±0.25 .XX ±0.1 .XXX ±0.05 ANGLES ±1°	SCALE	3:2	SIZE	A4
REV.	B	WC-REV.	A.2	SHEET	1 OF 2
QC: Inspection item					

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO.	MSAS-XXPMMR-SF7003	DRAWN BY	Su Nan	DATE	2019-03-21
DWG NO.	MSAS-XXPMMR-SF7003	CHECKED BY	Feng	DATE	2019-03-21
CUSTOMER	ALTW	APPROVED BY	Jerry	DATE	2019-03-21

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M SAS - XX P M M R - S F 7 003

SAS: A-Code Shielded

03: 3Pin
04: 4Pin
05: 5Pin
08: 8Pin

P: Panel (板端)

M: Male Connector (公座)

003: M12*1.0

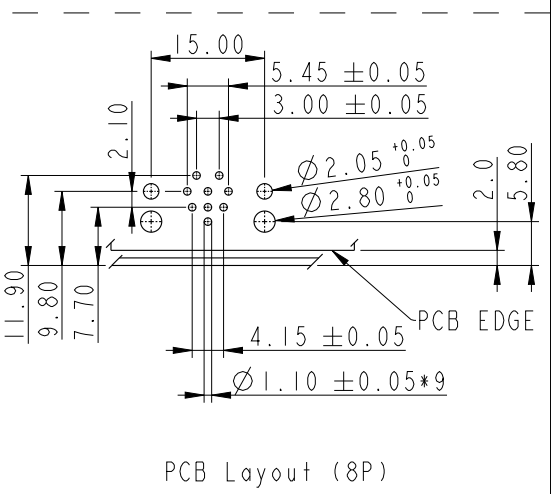
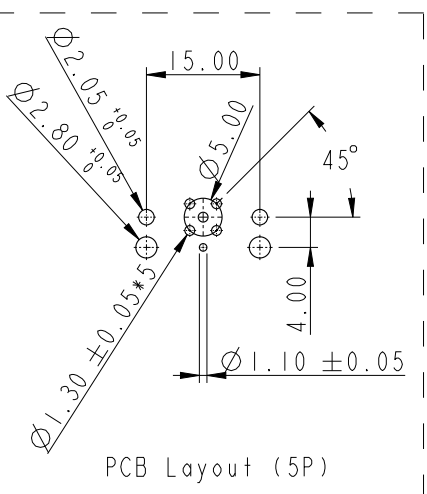
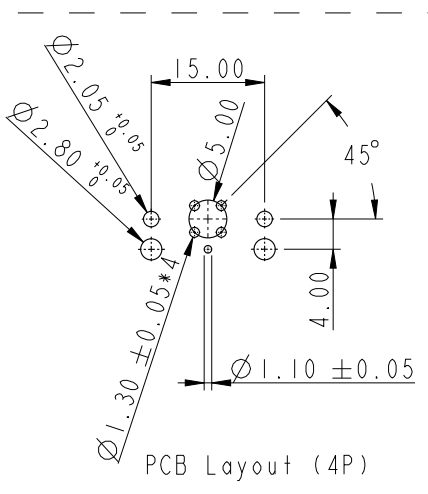
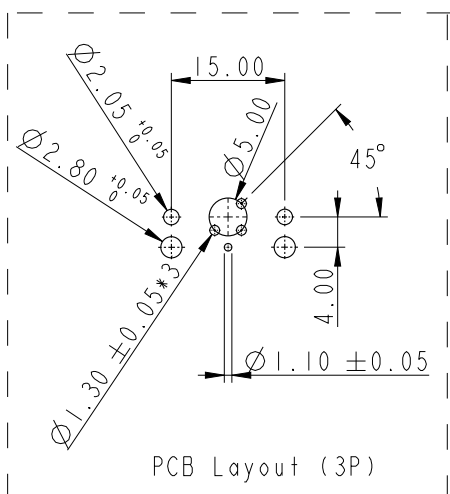
7: IP67 (防水等級67)

F: Front Fasten (前鎖式/Enclosure Rear Mount)

S: Screw (螺紋式)

R: 90° PCB THT/DIP Type (90° 基板插件式)

M: Male Pin (公Pin)



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		MSAS-XXPMR-SF7003	Su Nan	2019-03-21
		MCONN MPIN (Mated Waterproof)				DWG NO	CHECKED BY	DATE
						MSAS-XXPMR-SF7003	Feng	2019-03-21
						CUSTOMER	APPROVED BY	DATE
						ALTW	Jerry	2019-03-21

TOLERANCE	
.X	±0.25
.XX	±0.1
.XXX	±0.05
ANGLES	±1°

SCALE	3:2	SIZE	A4	SHEET	2	OF	2
REV.	B	WC-REV.	A.2	QC: Inspection item			