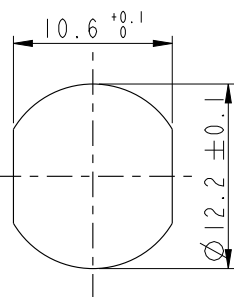
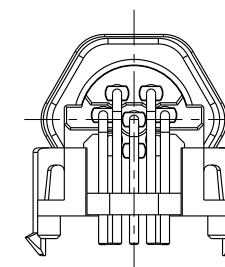
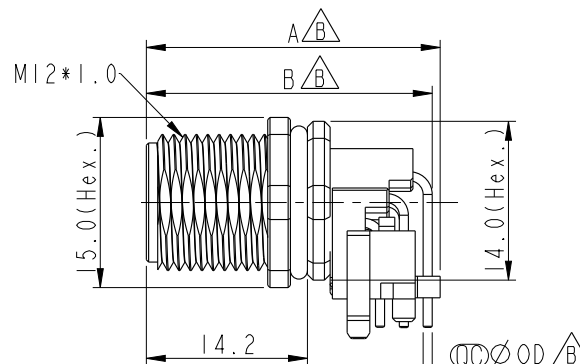
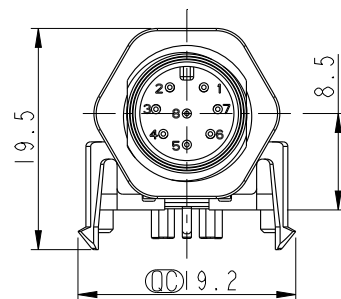
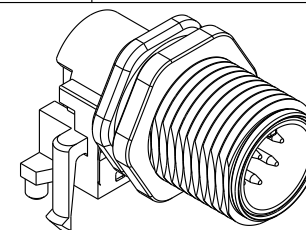
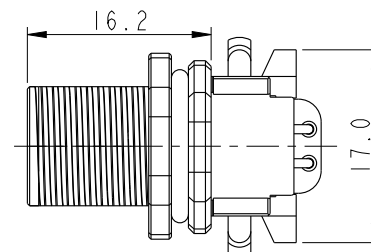
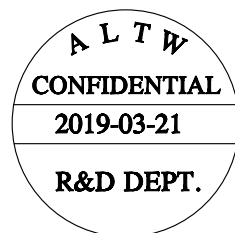
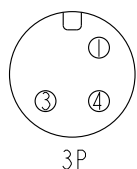


REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	C190510	2019-03-21	Su Nan	Add The Size Table

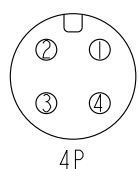
Recommended
Panel Cut-Out

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

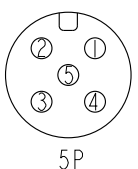
Item No.	A	B	OD
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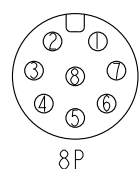
3P



4P

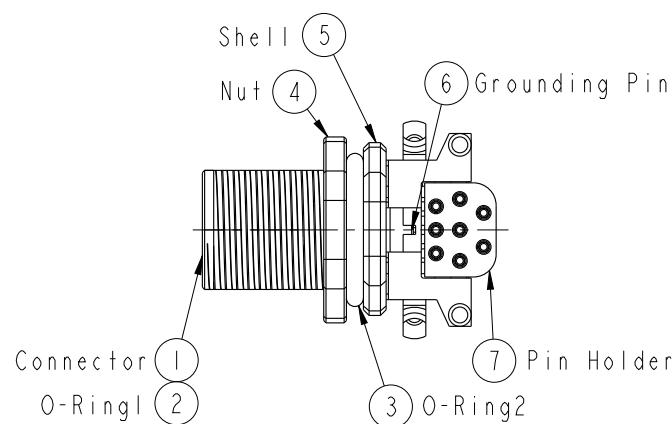


5P



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

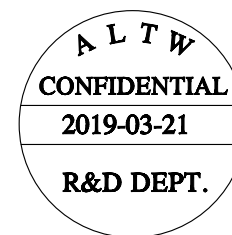
UNIT:mm	
TOLERANCE	
.X	±0.25
.XX	±0.1
.XXX	±0.05
ANGLES	±1°

TITLE M12, 90° Panel, w/ Grounding Pin MCONN MPIN (Mated Waterproof)			
SCALE	3:2	SIZE	A4
REV.	B	WC-REV.	A.2
SHEET 1 OF 2			
QC: Inspection item			

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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

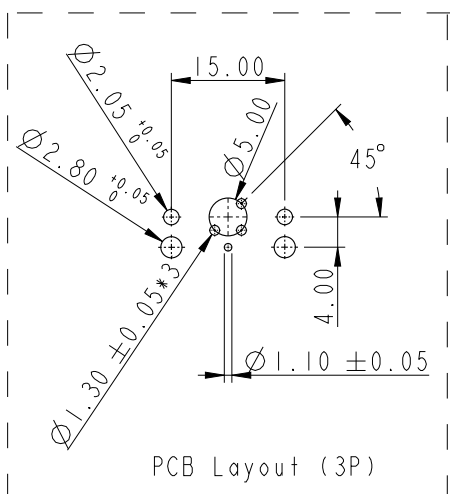
7: IP67 (防水等級67)

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

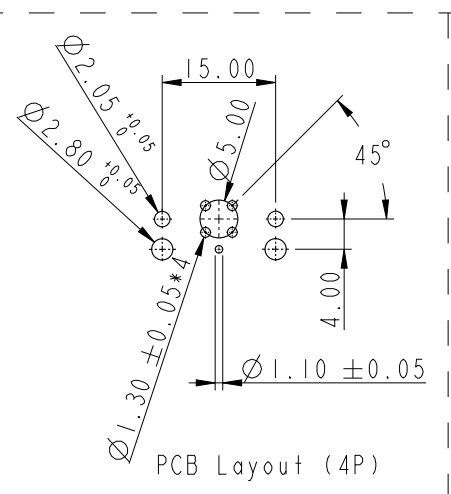
S: Screw (螺紋式)

R: 90° PCB THT/DIP Type (90° 基板插件式)

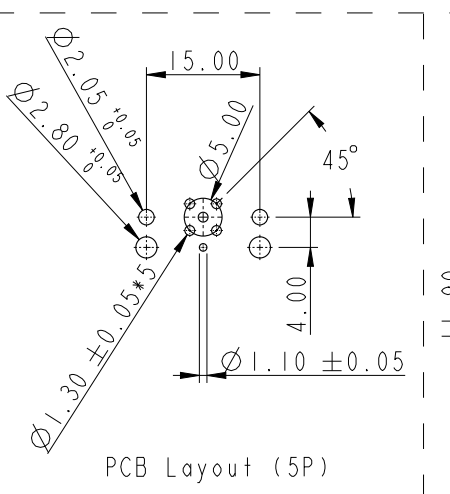
M: Male Pin (公Pin)



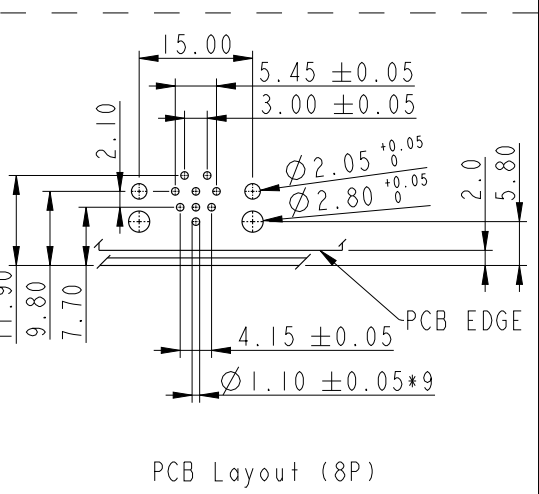
PCB Layout (3P)



PCB Layout (4P)



PCB Layout (5P)



PCB Layout (8P)

UNIT: mm		TITLE M12, 90° Panel, w/ Grounding Pin MCONN MPIN (Mated Waterproof)		ITEM NO MSAS-XXPMMR-SF7003		DRAWN BY Su Nan		DATE 2019-03-21	
TOLERANCE .X ±0.25 .XX ±0.1 .XXX ±0.05 ANGLES ±1°		SCALE 3:2	SIZE A4	SHEET 2 OF 2	DWG NO MSAS-XXPMMR-SF7003	CHECKED BY Feng		DATE 2019-03-21	
REV. B		WC-REV. A.2	QC: Inspection item		CUSTOMER ALTW	APPROVED BY Jerry		DATE 2019-03-21	

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