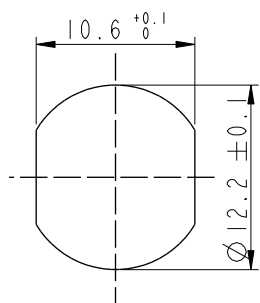


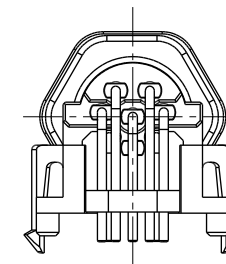
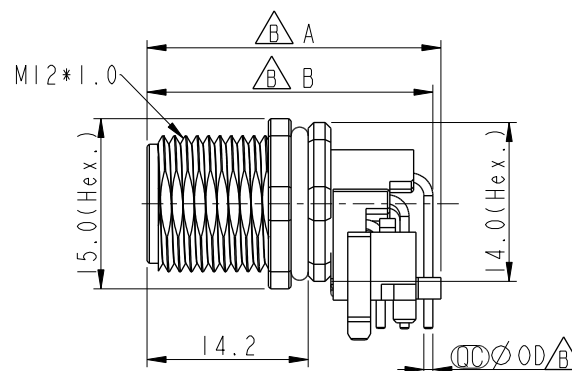
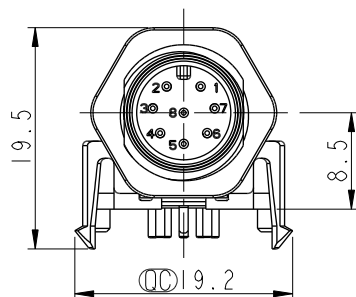
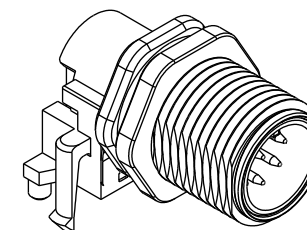
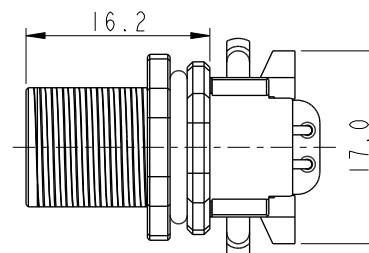
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	C190510	2019-03-21	Su Nan	Add The Size Table
C	C200275	2020-03-13	Nan_Su	$\triangle C$ X1
D	C210309	2021-03-10	Ruru	$\triangle D$ X4



Recommended
Panel Cut-Out

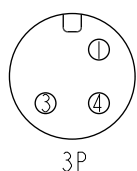
$\triangle D$
MSAS-XXPMMR-SF7003

XX: No. Of Pin

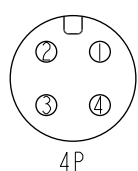


MSAS-03PMMR-SF7003	26.1	25.0	1.0
MSAS-04PMMR-SF7003	26.1	25.0	1.0
MSAS-05PMMR-SF7003	26.1	25.0	1.0
MSAS-08PMMR-SF7003	25.9	25.2	0.8

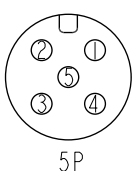
Item No.	A	B	OD
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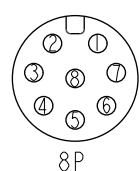
3P



4P

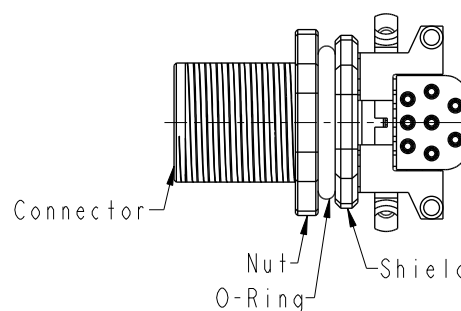


5P



8P

Pin Assignment Front View



$\triangle D$ Note:

- * RoHS Compliant
- * $\triangle C$ Important dimension
- * Waterproof rate: IPX7, mated
- * Connector
- Housing: Thermoplastic, Black
- Pin: Copper alloy, Gold plated
- O-Ring: Rubber, Black
- * Shield: Metal
- * Nut: Metal
- * O-Ring: Rubber, Gray
- * For panel thickness max: 3.0mm
- * For pcb thickness max: 1.6mm
- * Nut is packed separately in pe bag

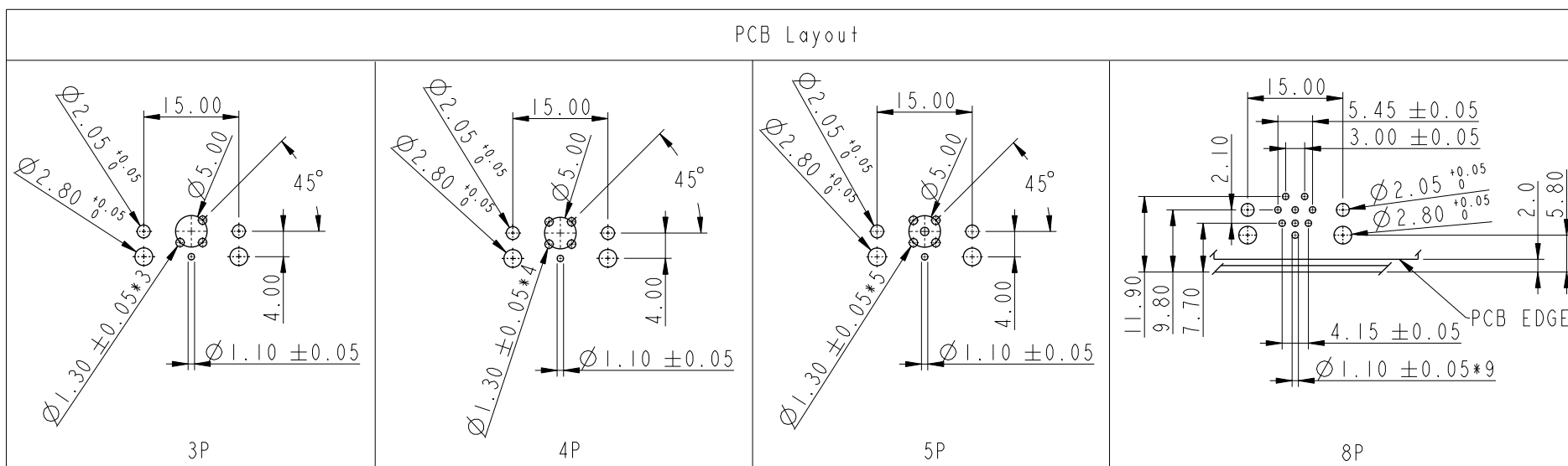
UNIT:mm			TITLE N SEN, M12 A -SHLD, SCREW RECEPTACLE, M, M, PCB R 			
TOLERANCE			SCALE	SIZE	SHEET	OF
.X ±0.25			3:2	A4	1	2
.XX ±0.1			REV.	WC-REV.	QC: Inspection item	
.XXX ±0.05			D	.0		
ANGLES ±1°						

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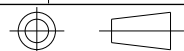
ITEM NO	DRAWN BY	DATE
DWG NO	Su Nan	2019-03-21
MSAS-XXPMMR-SF7003	CHECKED BY	DATE
CUSTOMER	Feng	2019-03-21
ALTW	APPROVED BY	DATE
	Jerry	2019-03-21

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PCB Layout



UNIT:mm



TOLERANCE
.X ± 0.25
.XX ± 0.1
.XXX ± 0.05
ANGLES $\pm 1^\circ$

TITLE N SEN, M12 A -SHLD, SCREW RECEPTACLE, M, M, PCB R			
SCALE 3:2	SIZE A4	SHEET 2 OF 2	
REV. D	WC-REV. .0	QC: Inspection item	

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ITEM NO	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

Mouser Electronics

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[MSAS-08PMMR-SF7003](#) [MSAS-05PMMR-SF7003](#) [MSAS-03PMMR-SF7003](#) [MSAS-04PMMR-SF7003](#)