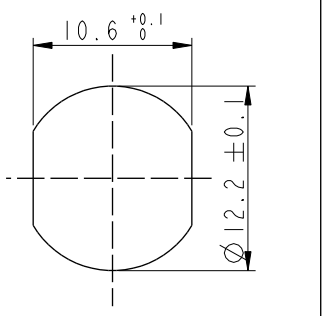
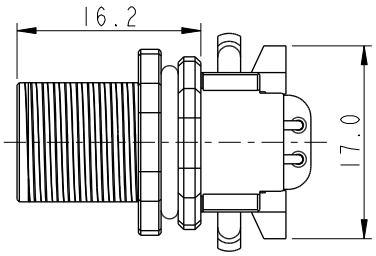
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	C190510	2019-03-21	Su Nan	Add The Size Table
C	C200275	2020-03-13	Nan_Su	△C X1
D	C210309	2021-03-10	Ruru	△D X4

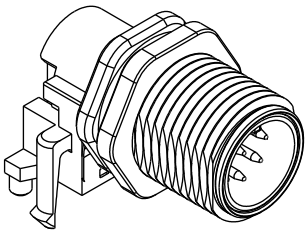


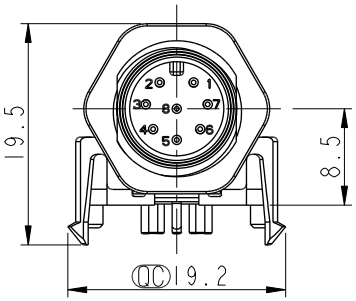
Recommended Panel Cut-Out

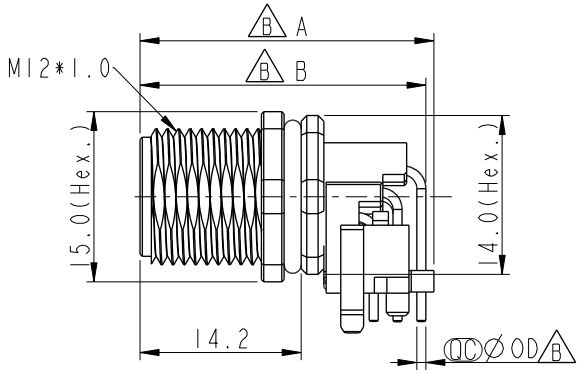
△D MSAS-XXPMMR-SF7003

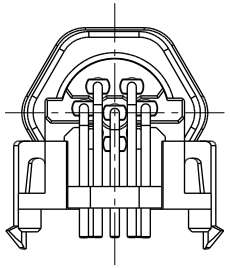
XX: No. Of Pin



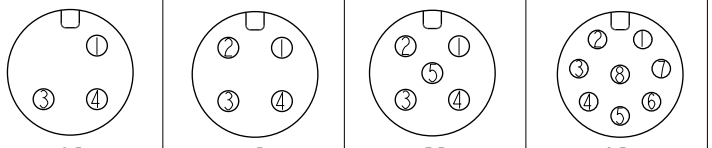




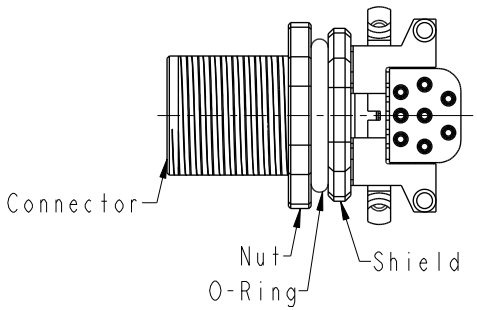




Item No.	A	B	OD △B
MSAS-03PMMR-SF7003	26.1	25.0	1.0
MSAS-04PMMR-SF7003	26.1	25.0	1.0
MSAS-05PMMR-SF7003	26.1	25.0	1.0
MSAS-08PMMR-SF7003	25.9	25.2	0.8



Pin Assignment Front View



△D Note:
* RoHS Compliant
* QC 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
△C * For pcb thickness max: 1.6mm
* Nut is packed separately in pe bag

UNIT: mm

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

TITLE: N SEN, M12 A -SHLD, SCREW RECEPTACLE, M, M, PCB R △D

SCALE 3:2 | SIZE A4 | SHEET 1 OF 2

REV. D | WC-REV. .0 | QC: Inspection item

Amphenol LTW

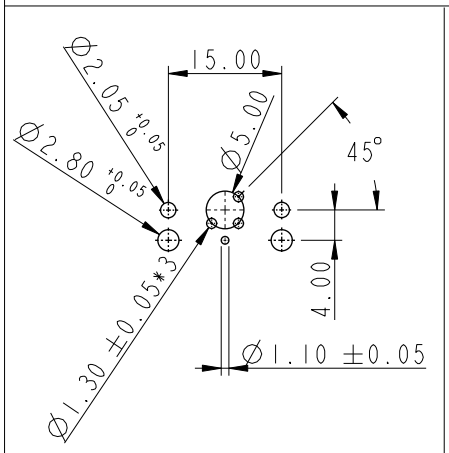
安費諾亮泰企業股份有限公司

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

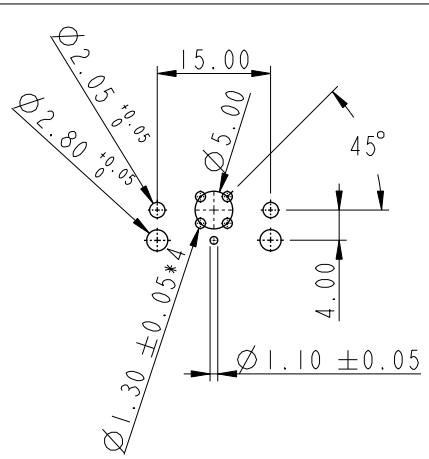
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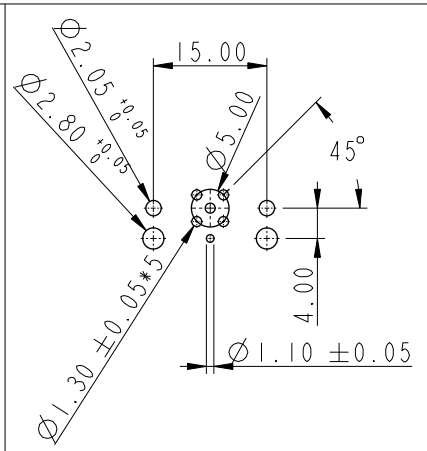
PCB Layout



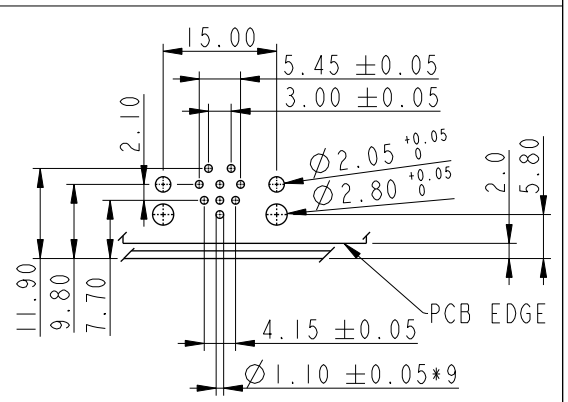
3P



4P



5P



8P

UNIT: mm

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

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

Amphenol LTW

安費諾亮泰企業股份有限公司

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

W10814-03-RW01A2

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