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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	C190510	2019-03-21	Su Nan	Add The Size Table
C	C200275	2020-03-13	Nan_Su	△X1
D	C210309	2021-03-09	Ruru	△X4

MSAS-XXPFFR-SF7003
XX: No. Of Pin

Recommended Panel Cut-Out

MSAS-03PFFR-SF7003 26.6 25.5 1.0
MSAS-04PFFR-SF7003 26.6 25.5 1.0
MSAS-05PFFR-SF7003 26.6 25.5 1.0
MSAS-08PFFR-SF7003 26.4 25.7 0.8

Item No.	A	B	OD
MSAS-03PFFR-SF7003	26.6	25.5	1.0
MSAS-04PFFR-SF7003	26.6	25.5	1.0
MSAS-05PFFR-SF7003	26.6	25.5	1.0
MSAS-08PFFR-SF7003	26.4	25.7	0.8

Pin Assignment Front View

Connector
O-Ring
Nut

Note:
* RoHS Compliant
* (Circled O) Important dimension
* Waterproof rate: IPX7, mated
* Connector
Housing: Thermoplastic, Black
Pin: Copper alloy, Gold plated
O-Ring1: Rubber, Black
O-Ring2: Rubber, Gray
Nut: Metal
* Nut: Metal
* O-Ring: Rubber, Gray
* For panel thickness max: 3.0mm
* For pcb thickness max: 1.6mm
* O-Ring and nut are assembled on connectors

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO.	DRAWN BY	DATE
MSAS-XXPFFR-SF7003	Su Nan	2019-03-21

DWG NO.	CHECKED BY	DATE
MSAS-XXPFFR-SF7003	Feng	2019-03-21

CUSTOMER	APPROVED BY	DATE
ALTW	Jerry	2019-03-21

UNIT: mm

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

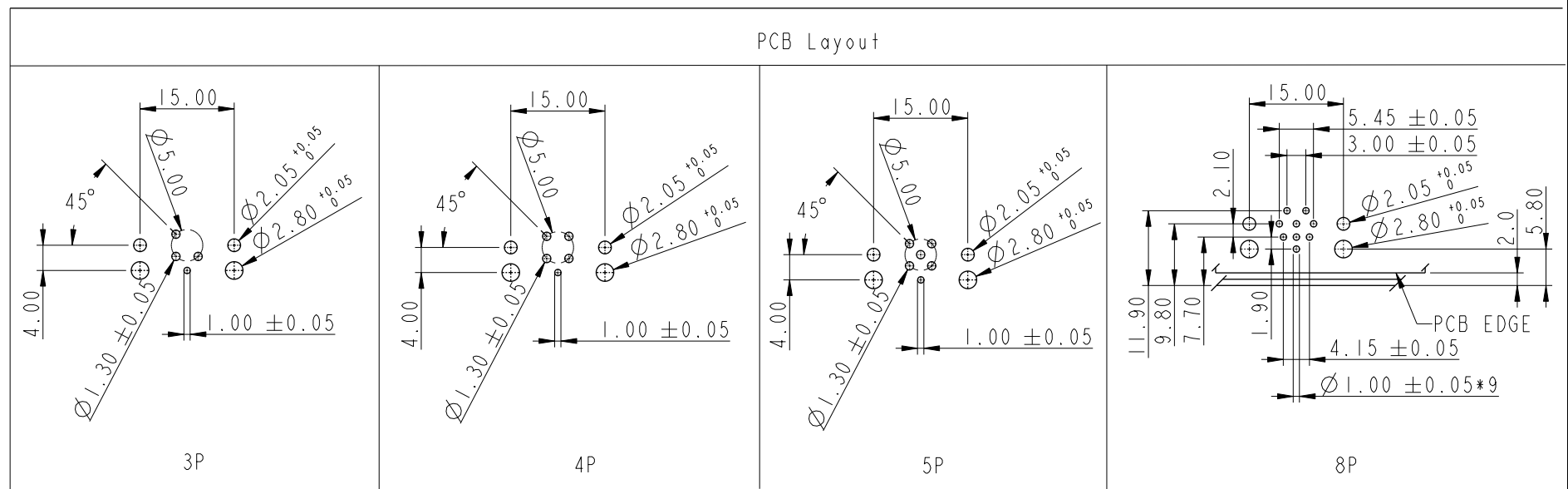
SCALE 3:2
SIZE A4
SHEET 1 OF 2
REV. D
WC-REV. A.3
(Circled O): Inspection item

TITLE
N SEN, M12 A -SHLD, SCREW RECEPTACLE, F, F, PCB R △

W10814-03-RW01A2

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PCB Layout



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

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	Jerry	2019-03-21