

1		2		3		4		5		6		7		8	
								REV.		ECN NO.		DATE		SIGN	
								G		C221973		2022/12/22		Ruru	
								H		C231034		2023/08/08		Ruru	
								I		C251374		2025/10/27		Vicky	
														DESCRIPTION	
														△G XI	
														△H XI	
														△I XI	

13.6 ^{+0.1}₀

16.1 ^{±0.1}

Recommended Panel Cut-Out

20.8 (Ref.)

12.0

M12A-XXPMMR-SF8002

XX: No. Of Pin

M16*1.5

M12*1.0

Connector

Nut

O-Ring

Shield

18.0 (Hex.)

10.0

3P

4P

5P

Pin Assignment Front View

29.5

20.5

17.5

5.0

Note:

- * RoHS Compliant
- * Important dimension
- * Waterproof rate: IP68, unmated 1m/24h
- * IP69K, mated
- * Connector
- * Housing: Thermoplastic, Black
- * Pin: Copper alloy, Gold plated
- * Shield: Metal
- * Nut: Metal
- * O-Ring: Rubber, Black
- * For panel thickness max: 4.5mm
- * For pcb thickness max: 1.6mm
- * The Nut Is Packed Separately In The Bag

UNIT:mm

TOLERANCE

.X ±0.25

.XX ±0.1

.XXX ±0.05

ANGLES ±1°

TITLE

N SEN, M12 A, SCREW RECEPTACLE, M, M, PCB R

SCALE

3:2

SIZE

A4

SHEET

1 OF 2

REV.

1

WC-REV.

.0

Inspection item

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO

M12A-XXPMMR-SF8002

DWG NO

M12A-XXPMMR-SF8002

CUSTOMER

ALTW

DRAWN BY

Vicky

CHECKED BY

Ruru

APPROVED BY

Rita

DATE

2025-10-27

DATE

2025-10-27

DATE

2025-10-27

	1	2	3	4	5	6	7	8
F								
E								
D								
C								
B								
A								

