

10.6^{+0.1}

12.0 ± 0.1

Recommended Panel Cut-Out

MSBP-XXPMMR-SF8003

XX: No. Of Pin

12.0

Connector

Nut

O-Ring

Shield

MI2*1.0

18.0 (Hex.)

19.9 (Ref.)

5P

Pin Assignment Front View

PCB Layout

UNIT:mm

TOLERANCE

.X ±0.25

.XX ±0.1

.XXX ±0.05

ANGLES ±1

1.8 ± 0.1

12.60

1.30

5.00

3.60

45°

2.10

7.5 ± 0.1

4.0 ± 0.1

5P

31.8

22.8

19.8

10.0

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: Thermoplastic, Black
- * Nut: Thermoplastic, Black
- * O-Ring: Rubber, Gray
- * For panel thickness max: 4.0mm
- * For pcb thickness max: 1.6mm
- * The Nut Is Packed Separately In The Bag

REV.	ECN NO.	DATE	SIGN	DESCRIPTION
E	C221973	2022/12/26	Ruru	XI
F	C231034	2023/08/10	Ruru	XI
G	C251374	2025/10/27	Vicky	XI

ITEM NO	DRAWN BY	DATE
	Vicky	2025-10-27

DWG NO	CHECKED BY	DATE
B MSBP-XXPMMR-SF8003	Ruru	2025-10-27

CUSTOMER	APPROVED BY	DATE
ALTW	Rita	2025-10-27

Amphenol LTW

安費諾亮泰企業股份有限公司

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