

1		2		3		4		5		6		7		8	
REV.				ECN NO.		DATE		SIGN		DESCRIPTION					
A				Initial Release		2015/10/12		Mila		Change Rev. I To Rev.A					

ALTW

CONFIDENTIAL

2015-10-12

R&D DEPT.

360° Adjustable Key Code Direction

Connector 1

Male NUT 2

NUT 3

Clamp Ring 4

Seal 5

Sealing Nut 6

Amphenol

Pin Assignments Front View

M12*1.0

43.2(ref.)

16.0 Hex.

16.0 Hex.

35.5(ref.)

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DCC. DEPT.

CONFIDENTIAL

2015.10.28

ISSUED

UNIT:mm

TOLERANCE

±0.5mm

TITLE

M12 B-Code 90° Unshielded Assy

5Pin M Conn. M Pin

SCALE

1:1

SIZE

A4

SHEET

1

OF

2

REV.

A

WC-REV.

A.1

QC:Inspection item

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO

MSBP-05BMMB-SR700I

DWG NO

MSBP-05BMMB-SR700I

CUSTOMER

ALTW

DRAWN BY

Mila

CHECKED BY

Cary

APPROVED BY

Jerry

DATE

2015-10-12

DATE

2015-10-12

DATE

2015-10-12

1

2

3

4

5

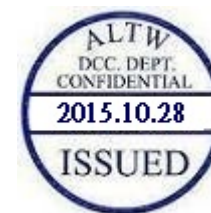
6

7

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FMM10702-01-02A1

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Note:

- * Important Dimension To Check.
- * Waterproof Rate: IP67(Mated)
- * Housing: Nylon,Black
- * Male Pin: Copper Alloy, Gold Plated
- * Male Nut: PBT+PC,Black
- * Nut: PBT+PC,Black
- * O-Ring: Silicon, Grey
- * Clamp Ring: Nylon,Black
- * Sealing Nut:PBT+PC,Black
- * Seal: Silicon, Grey
- * Seal For Cable OD: $\varnothing 4.0\text{mm} \sim \varnothing 7.0\text{mm}$
- * Screws for Wire connection recommended tightening torque: $0.61 \sim 0.84 \text{ kgf.cm} / 0.059 \sim 0.082 \text{ N.m}$
- * Applicable Wire gauge (Stranded wire cross section) $0.14\text{mm}^2 (26\text{AWG}) \sim 0.82\text{mm}^2 (18\text{AWG})$
- * Mating Recommended tightening torque: $3 \sim 4 \text{ kgf.cm} / 0.29 \sim 0.39 \text{ N.m}$
- * Sealing-Nut Recommended tightening torque: $4 \sim 6 \text{ kgf.cm} / 0.39 \sim 0.59 \text{ N.m}$
- * Detailed applicable wire specifications may vary depending on the actual wire construction.

1		2		3		4		5		6		7		8	
F															
E															