

1		2		3		4		5		6		7		8	
				REV.		ECN NO.		DATE		SIGN		DESCRIPTION			
				A		Initial Release		2015/10/13		Mila		Change Rev.01 To Rev.A			

ALTW

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2015-10-13

R&D DEPT.

Connector 1
Female Nut 2
Nut 3
O-Ring 7
Clamp Ring 4
Seal 5
Sealing Nut 6

47.0 (ref.)
18.6
16.0 Hex.
16.0 Hex.

Pin Assignments
Front View

UNIT:mm

TOLERANCE

±0.5mm

TITLE

MI2 D-Code Unshielded Assy
4PIN F Conn. F Pin

SCALE

1:1

SIZE

A4

SHEET

1

OF

2

REV.

A

WC-REV.

A.2

QC: Inspection item

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO

MSDP-04BFFB-SL7001

DWG NO

MSDP-04BFFB-SL7001

CUSTOMER

ALTW

DRAWN BY

Mila

CHECKED BY

Cary

APPROVED BY

Jerry

DATE

2015-10-13

DATE

2015-10-13

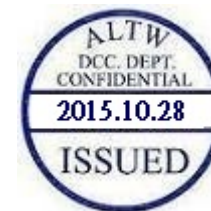
DATE

2015-10-13

8

FWW10702-01-02A1

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M SDP - 04 B F F B - S L 7 001

SDP: D-Code Plastic Nut

04: 4Pin

B: Without S/R(無網尾)

F: Female Connector(母座)

F: Female Pin(母Pin)

001: Without Cable

7: IP67(防水等級67)

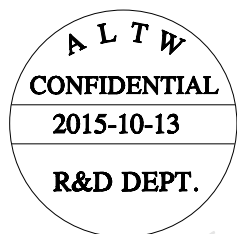
L: Straight(180°)

S: Screw(螺紋式)

B: Screw in Type(組裝式)

Note:

- * Important Dimension To Check.
- * Waterproof Rate: IP67
- * Housing: Nylon, Black
- * Female Pin: Copper Alloy, Gold Plated
- * Female 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: $\varnothing 4.0\text{mm} \sim \varnothing 8.0\text{mm}$
- * 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) 0.14mm^2 (26AWG) $\sim 0.82\text{mm}^2$ (18AWG)
- * 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.



UNIT:mm				TITLE M12 D-Code Unshielded Assy 4PIN F Conn. F Pin		ITEM NO MSDP-04BFFB-SL7001	DRAWN BY Mila	DATE 2015-10-13
TOLERANCE $\pm 0.5\text{mm}$		SCALE 1:1	SIZE A4	SHEET 2	OF 2	DWG NO MSDP-04BFFB-SL7001	CHECKED BY Cary	DATE 2015-10-13
REV. A		WC-REV. A.2	Inspection item		CUSTOMER ALTW		APPROVED BY Jerry	DATE 2015-10-13

Amphenol LTW
安費諾亮泰企業股份有限公司