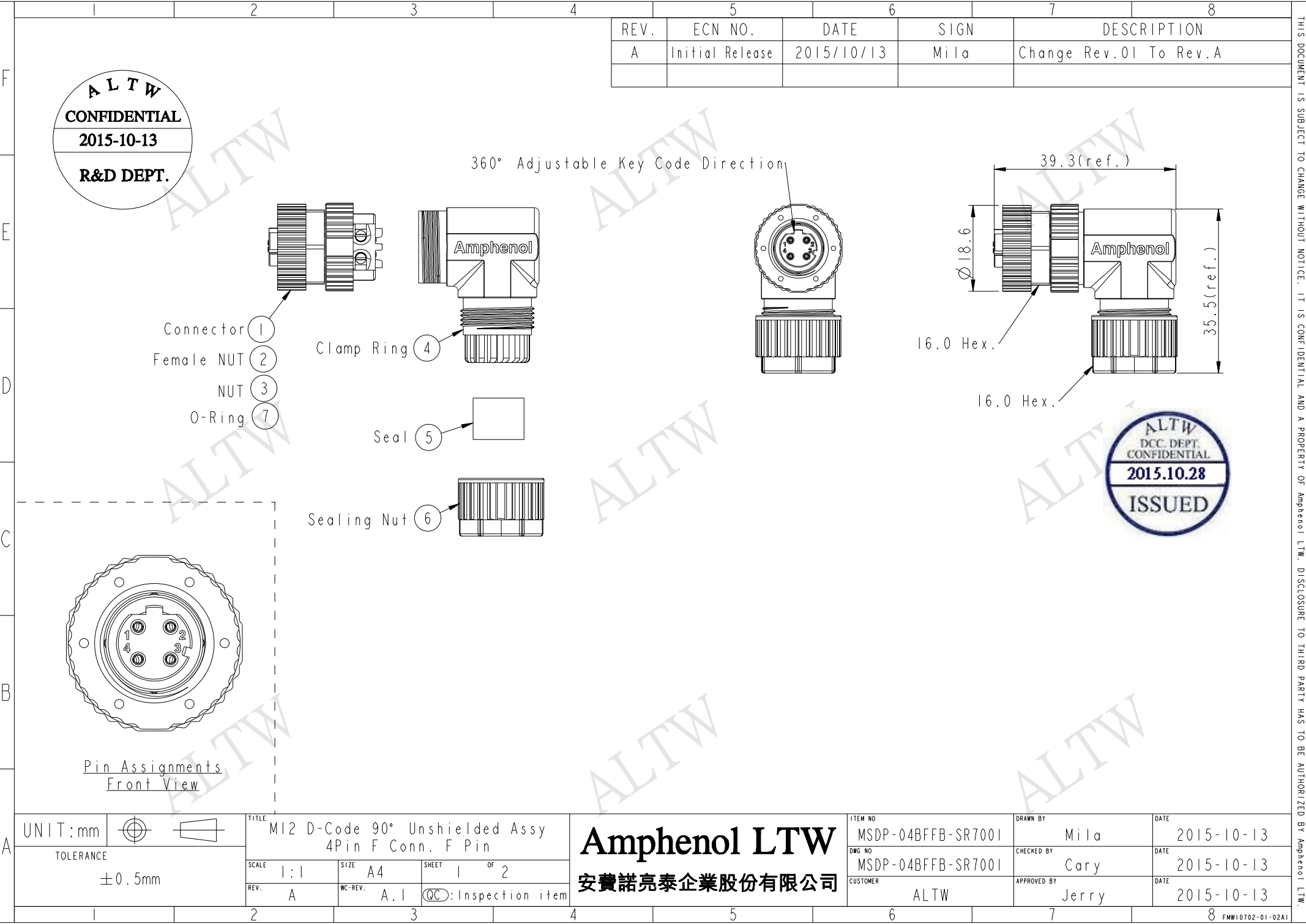




ALTW
CONFIDENTIAL
2015-10-13
R&D DEPT.

REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A	Initial Release	2015/10/13	Mila	Change Rev.01 To Rev.A

360° Adjustable Key Code Direction

Connector ①
Female NUT ②
NUT ③
O-Ring ⑦

Clamp Ring ④

Seal ⑤

Sealing Nut ⑥

Pin Assignments
Front View

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO. MSDP-04BFFB-SR7001	DRAWN BY Mila	DATE 2015-10-13
DWG NO. MSDP-04BFFB-SR7001	CHECKED BY Cary	DATE 2015-10-13
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2015-10-13

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M SDP - 04 B F F B - S R 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)

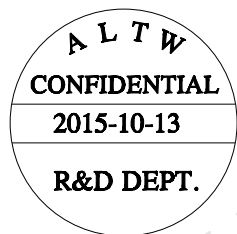
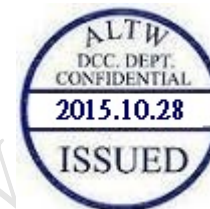
001: Without Cable

7: IP67(防水等級67)

R: Right(90°)

S: Screw(螺紋式)

B: Screw in Type(組裝式)



Note:

- * **QC** Important Dimension To Check.
- * Waterproof Rate: IP67(Mated)
- * 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: $\varnothing 4.0\text{mm} \sim \varnothing 7.0\text{mm}$
- * 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) 0.14mm^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 90° Unshielded Assy 4Pin F Conn. F Pin		
TOLERANCE ± 0.5mm		SCALE 1:1	SIZE A4	SHEET 2 OF 2
		REV. A	WC-REV. A.1	QC: Inspection item

Amphenol LTW
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