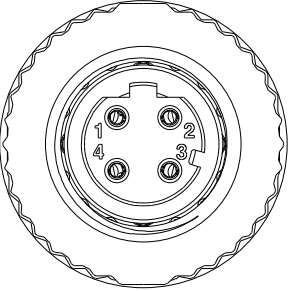
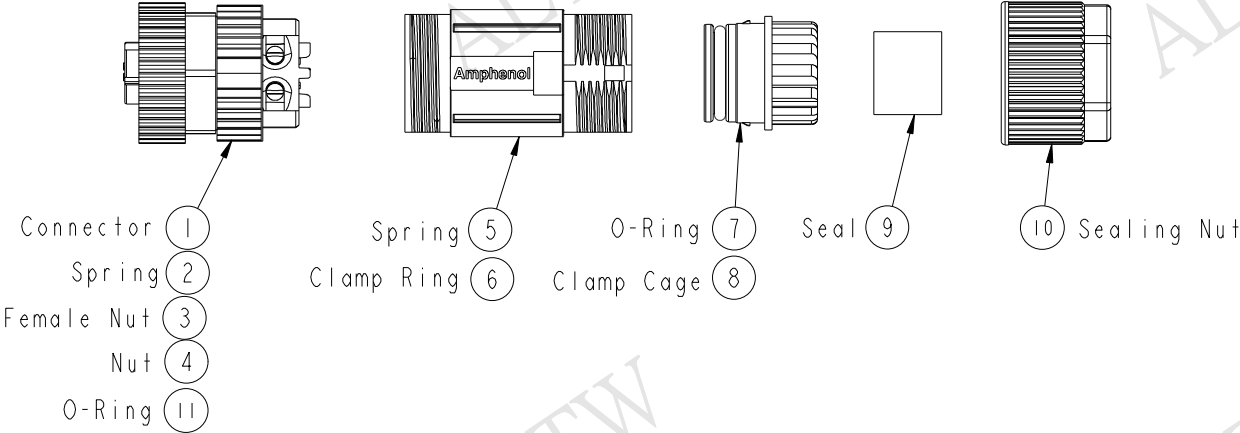
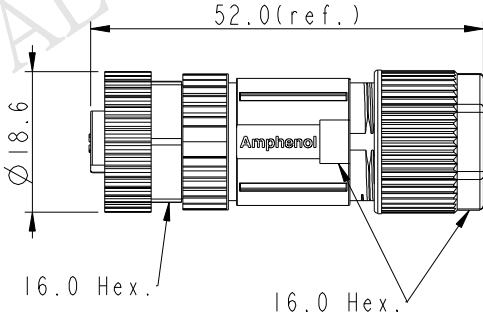
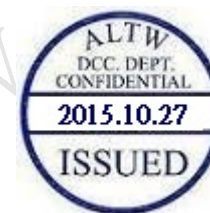


1		2		3		4		5		6		7		8	
REV.				ECN NO.		DATE		SIGN		DESCRIPTION					
A				Initial Release		2015/10/13		Mila		Change Rev.01 To Rev.A					
<div>ALTW CONFIDENTIAL 2015-10-13 R&amp;D DEPT.</div>				<div>ALTW DCC. DEPT. CONFIDENTIAL 2015.10.27 ISSUED</div>											
															
<p>Pin Assignments Front View</p>															
UNIT:mm				TITLE				ITEM NO				DRAWN BY		DATE	
TOLERANCE				M12 D-Code Shielded Assy 4PIN F Conn. F Pin				MSDS-04BFFB-SL7001				Mila		2015-10-13	
±0.5mm				SCALE		SIZE		SHEET		OF		CHECKED BY		DATE	
				1:1		A4		1		2		Cary		2015-10-13	
				REV.		WC-REV.		QC		Inspection item		APPROVED BY		DATE	
				A		A.2						Jerry		2015-10-13	
				Amphenol LTW 安費諾亮泰企業股份有限公司				CUSTOMER				ALTW		8 FMM10702-01-02A1	



SDS: D-Code Shielded  
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
- \* Clamp Cage: Nylon,Black
- \* Pin: Copper Alloy, Gold Plated
- \* Female Nut: Zinc Alloy, Nickel Plated
- \* Nut: Zinc Alloy, Nickel Plated
- \* O-Ring: Silicon,Grey
- \* Clamp Ring: Zinc Alloy, Nickel Plated
- \* Sealing Nut: Zinc Alloy, Nickel Plated
- \* Seal: Silicon,Grey
- \* Seal For Cable OD:  $\varnothing 4.0\text{mm} \sim \varnothing 7.5\text{mm}$
- \* 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.

UNIT:mm				TITLE M12 D-Code Shielded Assy 4PIN F Conn. F Pin			
TOLERANCE				SCALE 1:1	SIZE A4	SHEET 2	OF 2
$\pm 0.5\text{mm}$				REV. A	WC-REV. A.2	Inspection item	

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

ITEM NO MSDS-04BFFB-SL7001	DRAWN BY Mila	DATE 2015-10-13
DWG NO MSDS-04BFFB-SL7001	CHECKED BY Cary	DATE 2015-10-13
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2015-10-13