

Connector 1
Female Nut 2
Nut 3
O-ring 4

Clamp Ring 5
Seal 6
Sealing Nut 7

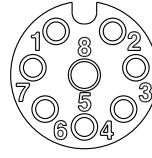
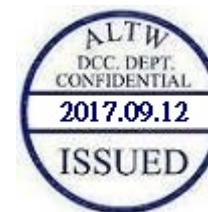
47.0 (ref.)

18.6

16.0 Hex. (Metal Nut)

16.0 Hex.

Amphenol



UNIT: mm		TITLE M12 A-code Assy F Conn. F Pin		
TOLERANCE ± 0.5mm		SCALE 1:1	SIZE A4	SHEET 1 OF 2
		REV. B	WC-REV. A.4	QC: Inspection item

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY	DATE
	Frank Deng	2017-08-31
DWG NO	CHECKED BY	DATE
M12A-XXBFFB-SL7001	Fisher Wang	2017-08-31
CUSTOMER	APPROVED BY	DATE
ALTW	Kevin Hu	2017-08-31

THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

	1	2	3	4	5	6	7	8																														
F	M 12A - XX B F F B - S L 7 001 12A: A-Code 03: 3Pin 04: 4Pin 05: 5Pin 08: 8Pin 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)																																					
E																																						
D																																						
C	ALTW CONFIDENTIAL 2017-08-31 R&D DEPT. Note: *  Important Dimension To Check. * Waterproof Rate: IP67 * Housing: Nylon,Black * Female Pin: Copper Alloy, Gold Plated * Female Nut: Zinc Alloy, Nickel Plated * Nut: PBT+PC,Black * O-Ring: Silicon,Grey * Clamp Ring: Nylon,Black * Sealing Nut:PBT+PC,Black * Seal: Silicon,Grey * Seal For Cable OD:Ø4.0mm~Ø8.0mm * Screws for Wire connection recommended tightening torque: 0.61~0.84 kgf.cm / 0.059~0.082 N.m * Applicable Wire gauge (Stranded wire cross section) 0.14mm² (26AWG) ~ 0.82mm² (18AWG) * Mating Recommended tightening torque: 3~4 kgf.cm / 0.29~0.39 N.m * Sealing-Nut Recommended tightening torque: 4~6 kgf.cm / 0.39~0.59 N.m * Detailed applicable wire specifications may vary depending on the actual wire construction.																																					
B																																						
A	<table><tr><td>UNIT:mm</td><td></td><td></td><td colspan="2">TITLE M12 A-code Assy F Conn. F Pin</td><td colspan="2">ITEM NO</td><td>DRAWN BY Frank Deng</td><td>DATE 2017-08-31</td></tr><tr><td colspan="3">TOLERANCE ±0.5mm</td><td>SCALE 1:1</td><td>SIZE A4</td><td>SHEET 2</td><td>OF 2</td><td>CHECKED BY Fisher Wang</td><td>DATE 2017-08-31</td></tr><tr><td colspan="3"></td><td>REV. B</td><td>WC-REV. A.4</td><td colspan="2">:Inspection item</td><td>APPROVED BY Kevin Hu</td><td>DATE 2017-08-31</td></tr></table> Amphenol LTW 安費諾亮泰企業股份有限公司 <table><tr><td>DWG NO M12A-XXBFFB-SL7001</td><td>CUSTOMER ALTW</td><td>DATE 2017-08-31</td></tr></table>								UNIT:mm			TITLE M12 A-code Assy F Conn. F Pin		ITEM NO		DRAWN BY Frank Deng	DATE 2017-08-31	TOLERANCE ±0.5mm			SCALE 1:1	SIZE A4	SHEET 2	OF 2	CHECKED BY Fisher Wang	DATE 2017-08-31				REV. B	WC-REV. A.4	 :Inspection item		APPROVED BY Kevin Hu	DATE 2017-08-31	DWG NO M12A-XXBFFB-SL7001	CUSTOMER ALTW	DATE 2017-08-31
UNIT:mm			TITLE M12 A-code Assy F Conn. F Pin		ITEM NO		DRAWN BY Frank Deng	DATE 2017-08-31																														
TOLERANCE ±0.5mm			SCALE 1:1	SIZE A4	SHEET 2	OF 2	CHECKED BY Fisher Wang	DATE 2017-08-31																														
			REV. B	WC-REV. A.4	 :Inspection item		APPROVED BY Kevin Hu	DATE 2017-08-31																														
DWG NO M12A-XXBFFB-SL7001	CUSTOMER ALTW	DATE 2017-08-31																																				
	1	2	3	4	5	6	7	8																														