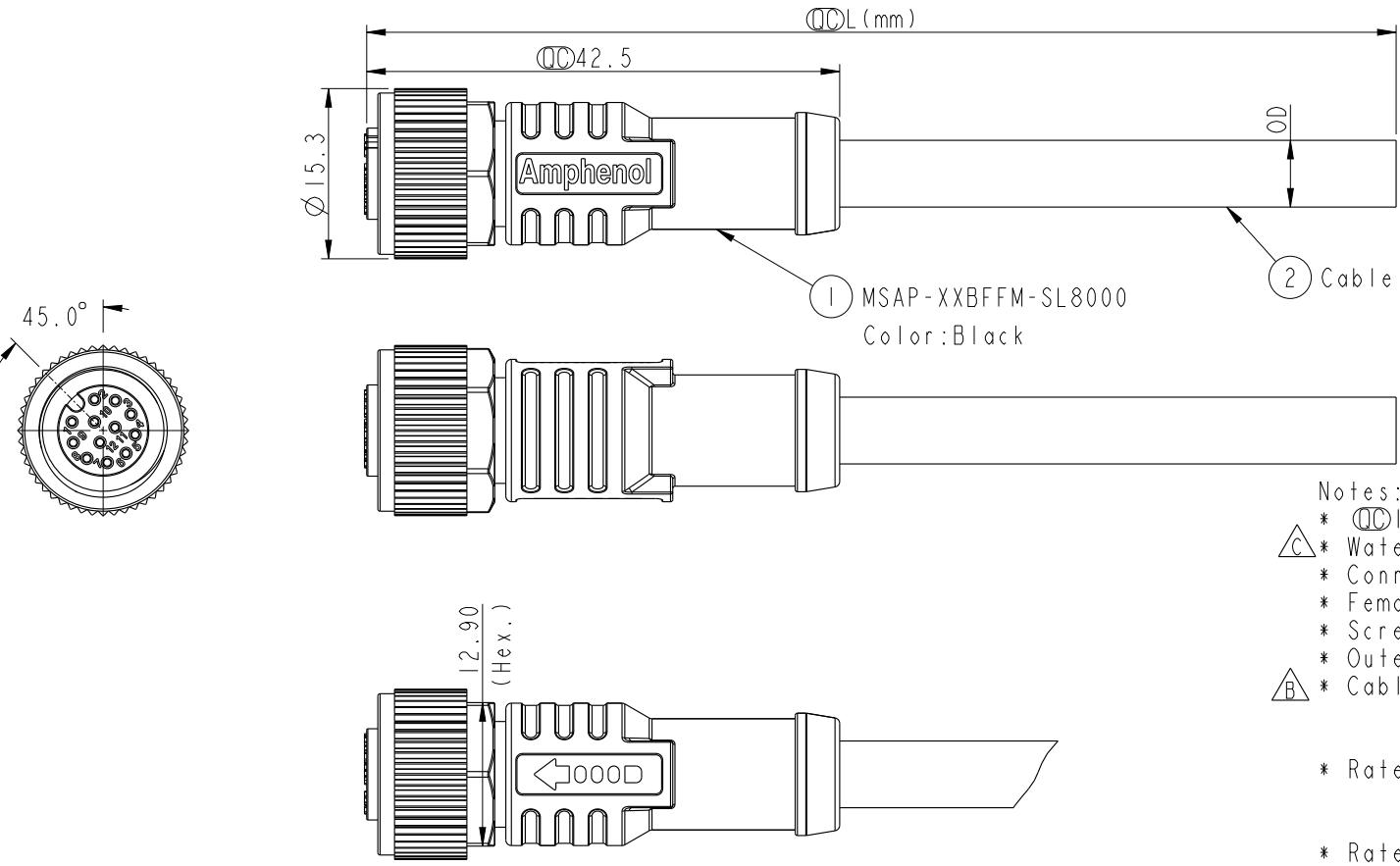
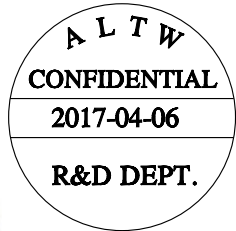


	1	2	3	4	5	6	7	8		
F					REV.	ECN NO.	DATE	SIGN	DESCRIPTION	
					B	LEN1580199~210	2015/08/10	Feng_Li	Add Black PVC Cable	
					C	LEN1680961~978 LEN1681016~017	2016/08/10	Yulong_wang	Add 6Pin & IP69K.	
					D	LEN1750122~25	2017/04/06	Lingpeng	Change The Cable OD	
E										
D					Notes: *  Important Dimension. * Waterproof Rate: IP68, IP69K. * Connector: PU+GF, Black. * Female Pin: Copper Alloy, Gold Plated. * Screw Nut: Nylon, Black. * Outer Mold: PU, Black. * Cable: (A) UL2517, PVC Jacket, Yellow. (B) UL20549, PUR Jacket, Black. (D) UL2517, PVC Jacket, Black. * Rated Voltage: 3 & 4Pin 250V dc. or ac. 5Pin 60V dc. or ac. 6~12Pin 30V dc. or ac. * Rated Current: 3~5Pin 4A 6~8Pin 2A 10~12Pin 1.5A * Operating Temperature: -25~85°C * Cable Length Tolerance: 01M:±40mm 02M~05M:±60mm 06M~10M:±100mm 11M~30M:±200mm 31M~99M:±500mm					
C										
B										
A	UNIT:mm	 			TITLE		ITEM NO		DRAWN BY	DATE
	TOLERANCE	±0.5mm			M12 A Type Cable Female Conn.		DWG NO		Checked BY	DATE
	REV. D		SCALE 1:1	SIZE A4	SHEET 1 OF 3	MSAP-XXBFFM-SL8XXX		Ma Fei		2017-04-06
		WC-REV. A.3	 :Inspection item		CUSTOMER		APPROVED BY		DATE	
					ALTW		Jerry		2017-04-06	
									8 FMW10702-01-02A1	

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安費諾亮泰企業股份有限公司

	1	2	3	4	5	6	7	8			
F	ALTW CONFIDENTIAL 2017-04-06 R&D DEPT.					B 12P	PVC	6.0	26	MSAP-12BFFM-SL8DXX	
						C 10P				MSAP-10BFFM-SL8DXX	
						C 8P				MSAP-08BFFM-SL8DXX	
						C 6P				MSAP-06BFFM-SL8DXX	
						C 5P				MSAP-05BFFM-SL8DXX	
						C 4P	22	MSAP-04BFFM-SL8DXX			
						C 3P		MSAP-03BFFM-SL8DXX			
						D 12P		PUR	4.8	24	MSAP-12BFFM-SL8BXX
						C 10P					MSAP-10BFFM-SL8BXX
						C 8P					MSAP-08BFFM-SL8BXX
C 6P	MSAP-06BFFM-SL8BXX										
D 5P	MSAP-05BFFM-SL8BXX										
D 4P	22	MSAP-04BFFM-SL8BXX									
D 3P		MSAP-03BFFM-SL8BXX									
C 12P		PVC	6.0	26	MSAP-12BFFM-SL8AXX						
C 10P					MSAP-10BFFM-SL8AXX						
C 8P					MSAP-08BFFM-SL8AXX						
C 6P	MSAP-06BFFM-SL8AXX										
C 5P	MSAP-05BFFM-SL8AXX										
C 4P	22	MSAP-04BFFM-SL8AXX									
C 3P		MSAP-03BFFM-SL8AXX									
Contacts		Cable Jacket	Cable OD	AWG	Item No.						

M SAP - XX B F F M - S L 8 X XX

SAP:A-Code Plastic Nut

03: 3Pin

04: 4Pin

05: 5Pin

06: 6Pin

08: 8Pin

10: 10Pin

12: 12Pin

B: Cable Without S/R(線端無網尾)

F: Female Connector(母座)

F: Female Pin(母Pin)

XX:01~99Meters

01:01Meter

02:02Meters

:

99:99Meters

A: PVC UL2517 Cable,Yellow(PVC黃色外被線材)

B: PUR UL20549 Cable,Black(PUR黑色外被線材)

D: PVC UL2517 Cable,Black(PVC黑色外被線材)

8: IP68/69K(防水等級68/69K)

L: Straight(180°線端)

S: Screw(螺紋式)

M: Molding Type(射出成型)

ALTW

DCC. DEPT.

CONFIDENTIAL

2017.05.15

ISSUED

UNIT:mm		TITLE		MI2 A Type Cable Female Conn.		ITEM NO	DRAWN BY		DATE	
TOLERANCE		SCALE	SIZE	SHEET	OF	DWG NO	CHECKED BY		DATE	
±0.5mm		1:1	A4	2	3	MSAP-XXBFFM-SL8XXX	Ma Fei		2017-04-06	
REV.		WC-REV.	QC:Inspection item			CUSTOMER	APPROVED BY		DATE	
D		A.3				ALTW	Jerry		2017-04-06	

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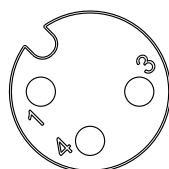
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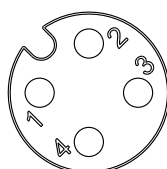
FMW10702-01-02A1

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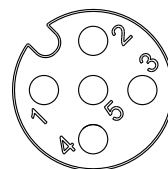
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Pin Out

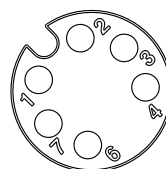
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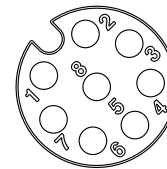
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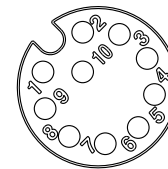
5P



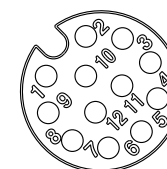
6 P



8P



10P



12P

Pin Assignments Front View

UNIT:mm				TITLE M12 A Type Cable Female Conn.				Amphenol LTW 安費諾亮泰企業股份有限公司				ITEM NO		DRAWN BY Lingpeng		DATE 2017-04-06							
TOLERANCE ±0.5mm												SCALE 3:2		SIZE A4		SHEET 3 OF 3		DWG NO MSAP-XXBFFM-SL8XXX		CHECKED BY Ma Fei		DATE 2017-04-06	
												REV. D		WC-REV. A.1		QC: Inspection item		CUSTOMER ALTW		APPROVED BY Jerry		DATE 2017-04-06	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

[MSAP-03BFFM-SL8A01](#) [MSAP-10BFFM-SL8A01](#) [MSAP-06BFFM-SL8D01](#) [MSAP-03BFFM-SL8B01](#) [MSAP-04BFFM-SL8D01](#) [MSAP-05BFFM-SL8D01](#) [MSAP-08BFFM-SL8D01](#) [MSAP-03BFFM-SL8D01](#) [MSAP-08BFFM-SL8A01](#) [MSAP-10BFFM-SL8D01](#) [MSAP-12BFFM-SL8A01](#) [MSAP-12BFFM-SL8B01](#) [MSAP-06BFFM-SL8B01](#) [MSAP-05BFFM-SL8B01](#) [MSAP-10BFFM-SL8B01](#) [MSAP-12BFFM-SL8D01](#) [MSAP-06BFFM-SL8A01](#) [MSAP-04BFFM-SL8B01](#) [MSAP-04BFFM-SL8A01](#) [MSAP-05BFFM-SL8A01](#) [MSAP-08BFFM-SL8B01](#)