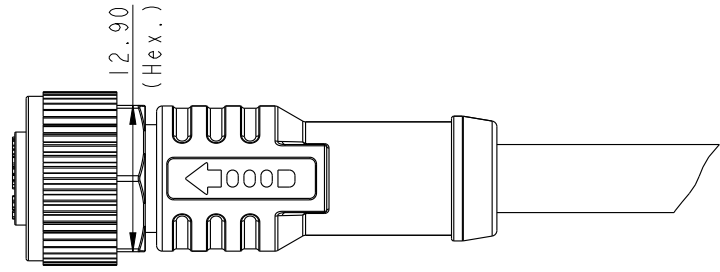
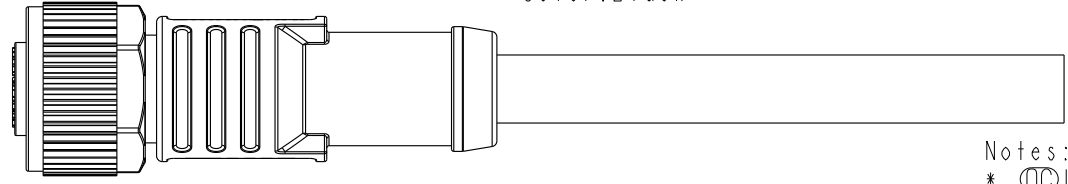
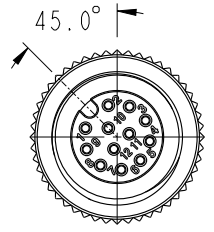
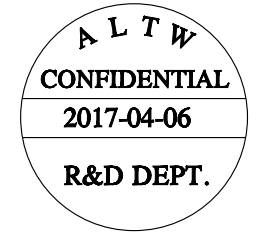
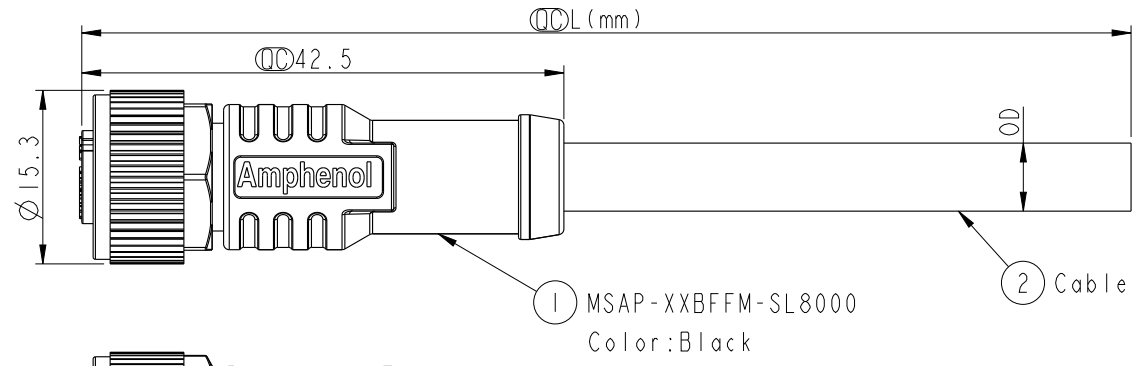


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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	LEN1580199~210	2015/08/10	Feng_Li	Add Black PVC Cable
C	LEN1680961~978 LEN1681016~017	2016/08/10	Yulong_wang	Add 6Pin & IP69K.
D	LEN1750122~25	2017/04/06	Lingpeng	Change The Cable OD



Notes:

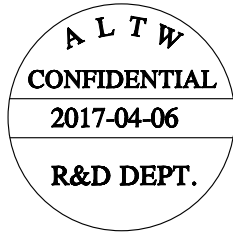
- \*  $\varnothing$  Important Dimension.
- \*  $\triangle C$  Waterproof Rate: IP68, IP69K.
- \* Connector: PU+GF, Black.
- \* Female Pin: Copper Alloy, Gold Plated.
- \* Screw Nut: Nylon, Black.
- \* Outer Mold: PU, Black.
- \*  $\triangle B$  Cable: (A) UL2517, PVC Jacket, Yellow.  
(B) UL20549, PUR 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

UNIT:mm		
TOLERANCE		
±0.5mm		

TITLE M12 A Type Cable Female Conn.			
SCALE 1:1	SIZE A4	SHEET 1 OF 3	
REV. D	WC-REV. A.3	$\varnothing$ Inspection item	

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY Lingpeng	DATE 2017-04-06
DWG NO MSAP-XXBFFM-SL8XXX	CHECKED BY Ma Fei	DATE 2017-04-06
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2017-04-06



6		7		8	
△B	12P	PVC	6.0	26	MSAP-12BFFM-SL8DXX
	10P				MSAP-10BFFM-SL8DXX
△C	8P		5.5	24	MSAP-08BFFM-SL8DXX
	6P				MSAP-06BFFM-SL8DXX
	5P		5.1	22	MSAP-05BFFM-SL8DXX
	4P				MSAP-04BFFM-SL8DXX
	3P		4.5		MSAP-03BFFM-SL8DXX
	12P				PUR
10P	MSAP-10BFFM-SL8BXX				
△D	8P		4.8	24	
△C	6P	MSAP-06BFFM-SL8BXX			
	5P	4.4	22	MSAP-05BFFM-SL8BXX	
	4P			MSAP-04BFFM-SL8BXX	
	3P	3.8		MSAP-03BFFM-SL8BXX	
	12P			PVC	
10P	MSAP-10BFFM-SL8AXX				
△C	8P	5.5	24		
	6P				MSAP-06BFFM-SL8AXX
	5P	5.1	22		MSAP-05BFFM-SL8AXX
	4P				MSAP-04BFFM-SL8AXX
	3P	4.5			MSAP-03BFFM-SL8AXX
	Contacts				Cable Jacket

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 △C
- 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)
- △B D: PVC UL2517 Cable, Black (PVC黑色外被線材)

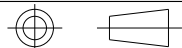
8: IP68/69K (防水等級68/69K) △C

L: Straight (180° 線端)

S: Screw (螺紋式)

M: Molding Type (射出成型)

UNIT: mm



TOLERANCE

±0.5mm

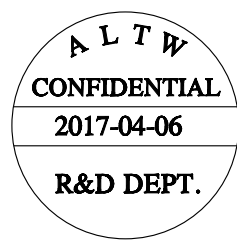
TITLE M12 A Type Cable Female Conn.			
SCALE 1:1	SIZE A4	SHEET 2 OF 3	
REV. D	WC-REV. A.3	QC: Inspection item	

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

ITEM NO	DWG NO	CUSTOMER	DRAWN BY	CHECKED BY	APPROVED BY	DATE
	MSAP-XXBFFM-SL8XXX	ALTW	Lingpeng	Ma Fei	Jerry	2017-04-06

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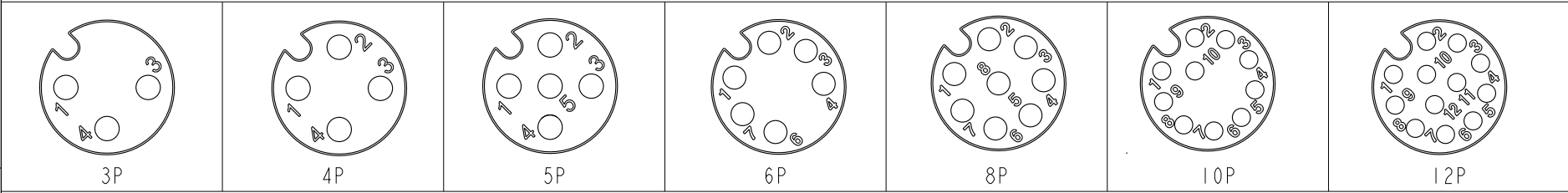
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F  
E  
D  
C  
B  
A

5	--		5	--		5	Gray	灰	5	--		8	--		8	Red	紅	12	--	12	Red/Blue	紅/藍	
4	Black	黑	4	Black	黑	4	Black	黑	4	Black	黑	7	Blue	藍	7	Blue	藍	11	--	11	Gray/Pink	灰/粉	
3	Blue	藍	3	Blue	藍	3	Blue	藍	3	Blue	藍	6	Pink	粉	6	Pink	粉	10	Violet	紫	10	Violet	紫
3	--		2	White	白	2	White	白	3	Green	綠	5	Gray	灰	5	Gray	灰	9	Black	黑	9	Black	黑
1	Brown	棕	1	Brown	棕	1	Brown	棕	2	Brown	棕	4	Yellow	黃	4	Yellow	黃	8	Red	紅	8	Red	紅
									1	White	白	3	Green	綠	3	Green	綠	7	Blue	藍	7	Blue	藍
												2	Brown	棕	2	Brown	棕	6	Pink	粉	6	Pink	粉
												1	White	白	1	White	白	5	Gray	灰	5	Gray	灰
																		4	Yellow	黃	4	Yellow	黃
																		3	Green	綠	3	Green	綠
																		2	Brown	棕	2	Brown	棕
																		1	White	白	1	White	白
Pin #	Wire		Pin #	Wire		Pin #	Wire		Pin #	Wire		Pin #	Wire		Pin #	Wire		Pin #	Wire		Pin #	Wire	

Pin Out



Pin Assignments Front View

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

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