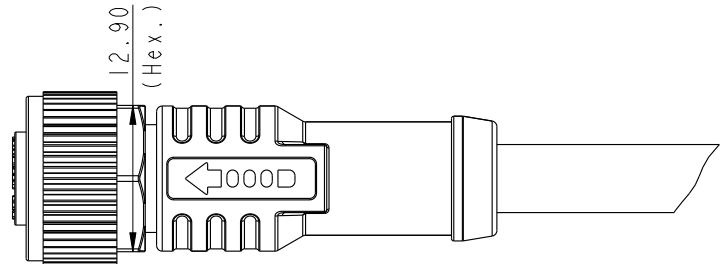
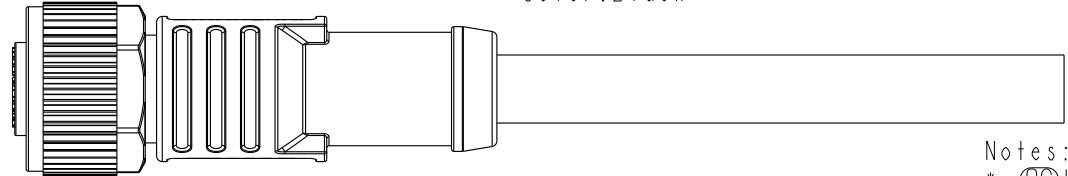
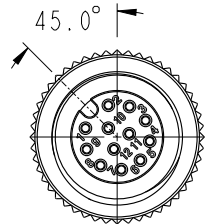
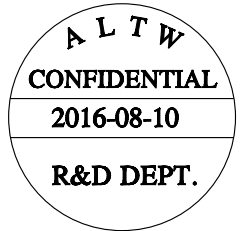
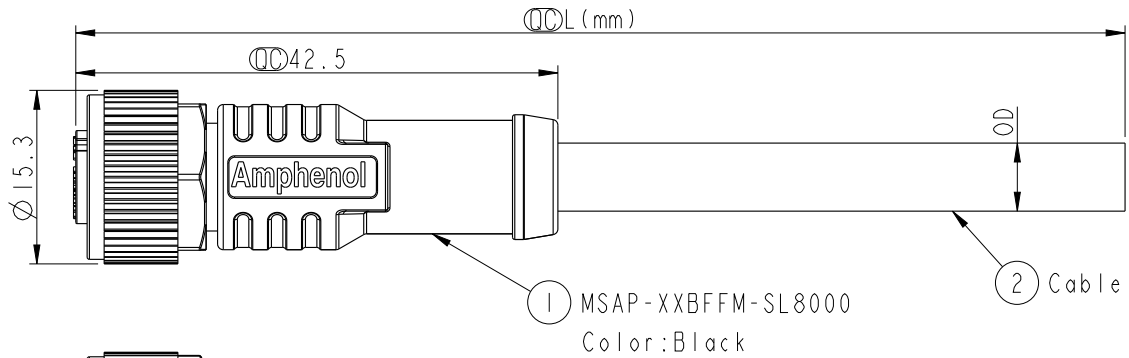


REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A	Initial Release	2015/07/15	Cary	Change Rev.01 To Rev.A
B	LEN1580199~210	2015/08/10	Feng_Li	Add Black PVC Cable
C	LEN1680961~978 LEN1681016~017	2016/08/10	Yulong_wang	Add 6Pin & IP69K.



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		

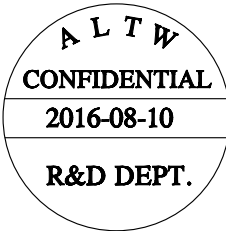
TITLE M12 A Type Cable Female Conn.			
SCALE 1:1	SIZE A4	SHEET 1 OF 3	
REV. C	WC-REV. A.3	$\varnothing$ Inspection item	

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安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY Yulong_wang	DATE 2016-08-10
DWG NO MSAP-XXBFFM-SL8XXX	CHECKED BY Jinhai	DATE 2016-08-10
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2016-08-10

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F  
E  
D  
C  
B  
A



6		7		8		
△B	12P	PVC	6.0	26	MSAP-12BFFM-SL8DXX	
	10P				MSAP-10BFFM-SL8DXX	
△C	8P		PUR	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			
△C	12P		PVC	6.0	26	MSAP-12BFFM-SL8BXX
	10P					MSAP-10BFFM-SL8BXX
	8P			PUR	5.5	24
	6P	MSAP-06BFFM-SL8BXX				
	5P	5.1			22	MSAP-05BFFM-SL8BXX
	4P					MSAP-04BFFM-SL8BXX
3P	4.5	MSAP-03BFFM-SL8BXX				
△C	12P	PVC		6.0	26	MSAP-12BFFM-SL8AXX
	10P					MSAP-10BFFM-SL8AXX
	8P			PUR	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		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 △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. C	WC-REV. A.3	QC: Inspection item	

**Amphenol LTW**  
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ITEM NO	DRAWN BY Yulong_wang	DATE 2016-08-10
DWG NO MSAP-XXBFFM-SL8XXX	CHECKED BY Jinhai	DATE 2016-08-10
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2016-08-10

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