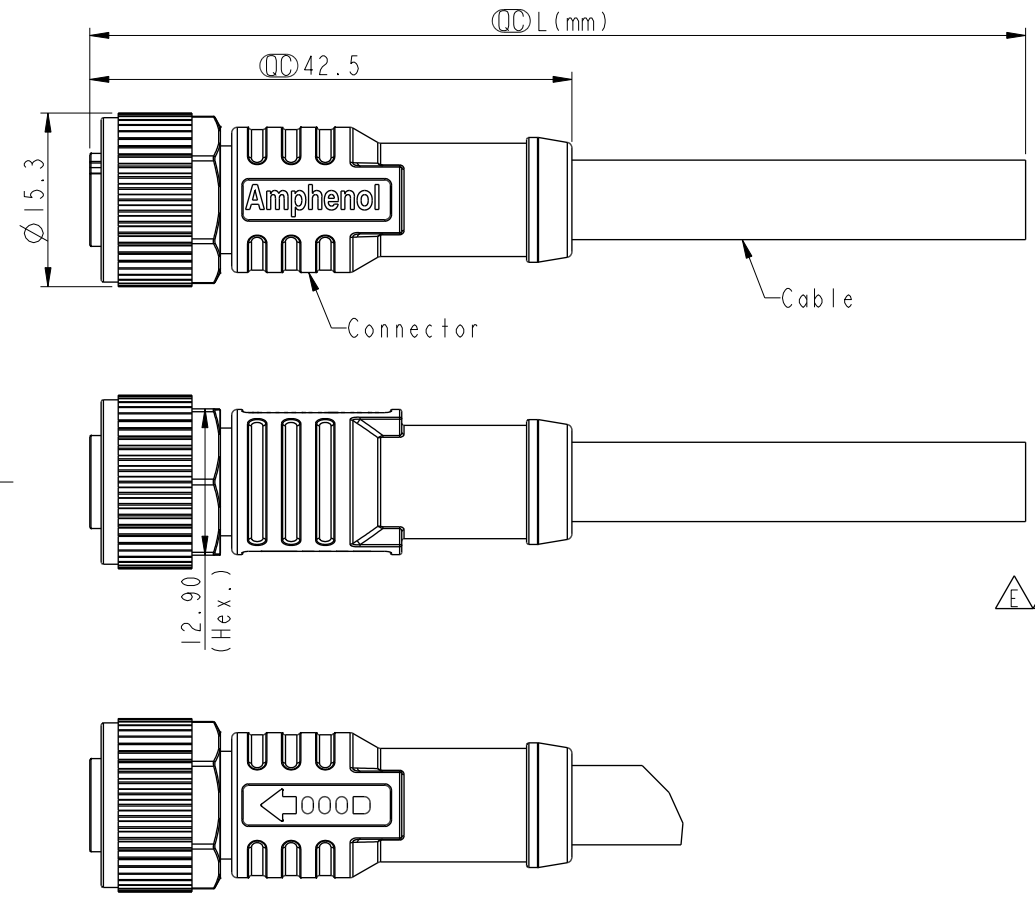


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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
D	LEN1750122~25	2017/04/06	Lingpeng	Change The Cable OD
E	C201450	2020/09/23	Ruru	$\triangle E$ X6
F	C210222	2021/03/19	Vicky	$\triangle F$ X4



- $\triangle E$   $\triangle F$  Note:
- \* RoHS Compliant
  - \*  $\text{\textcircled{L}}$  Important dimension
  - \*  $\triangle C$  Waterproof rate: IPX8, mated 1m/24h  
IPX9K, mated
  - \* Connector
    - Housing: Thermoplastic, Black
    - Pin: Copper alloy, Gold plated
    - O-Ring: Rubber, Green
    - Nut: Thermoplastic, Black
    - Outer mold: Thermoplastic, Black
  - \* Cable: UL2517, PVC Jacket, Yellow
  - \* Cable length tolerance:
 

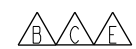
1M < L ≤ 3M	: +100/-0 mm
3M < L ≤ 5M	: +150/-0 mm
5M < L ≤ 10M	: ±100 mm
10M < L ≤ 20M	: ±200 mm
20M < L ≤ 30M	: ±300 mm
30M < L ≤ 99M	: ±500 mm

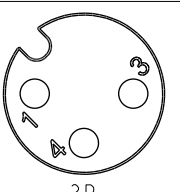
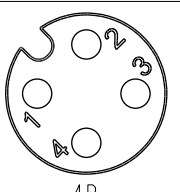
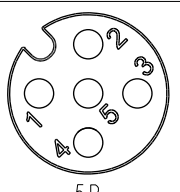
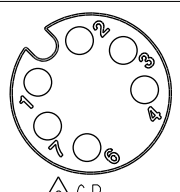
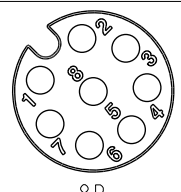
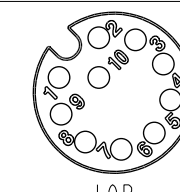
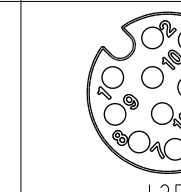
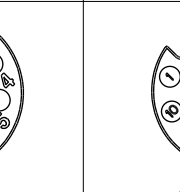
UNIT: mm			TITLE N SEN, M12 A -PLASTIC, SCREW CABLE W/O SR, F, F, MOLDING
TOLERANCE	±0.5mm		
SCALE	1:1	SIZE	A4
REV.	F	WC-REV.	A.5
		SHEET	1 OF 2
		$\text{\textcircled{L}}$	Inspection item

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY	DATE
	Lingpeng	2017-04-06
DWG NO	CHECKED BY	DATE
$\triangle E$ MSAP-XXBFFM-SL8AXX	Ma Fei	2017-04-06
CUSTOMER	APPROVED BY	DATE
ALTW	Jerry	2017-04-06

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F	 MSAP-XXBFFM-SL8AXX						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">△E</td> <td style="text-align: center;">17P</td> <td style="text-align: center;">7.0</td> <td rowspan="3" style="text-align: center;">26</td> <td style="text-align: center;">MSAP-17BFFM-SL8AXX</td> </tr> <tr> <td></td> <td style="text-align: center;">12P</td> <td style="text-align: center;">6.0</td> <td style="text-align: center;">MSAP-12BFFM-SL8AXX</td> </tr> <tr> <td></td> <td style="text-align: center;">10P</td> <td></td> <td style="text-align: center;">MSAP-10BFFM-SL8AXX</td> </tr> <tr> <td></td> <td style="text-align: center;">8P</td> <td style="text-align: center;">5.5</td> <td rowspan="2" style="text-align: center;">24</td> <td style="text-align: center;">MSAP-08BFFM-SL8AXX</td> </tr> <tr> <td style="text-align: center;">△C</td> <td style="text-align: center;">6P</td> <td style="text-align: center;">5.0</td> <td style="text-align: center;">MSAP-06BFFM-SL8AXX</td> </tr> <tr> <td></td> <td style="text-align: center;">5P</td> <td style="text-align: center;">5.1</td> <td rowspan="3" style="text-align: center;">22</td> <td style="text-align: center;">MSAP-05BFFM-SL8AXX</td> </tr> <tr> <td></td> <td style="text-align: center;">4P</td> <td style="text-align: center;">4.8</td> <td style="text-align: center;">MSAP-04BFFM-SL8AXX</td> </tr> <tr> <td></td> <td style="text-align: center;">3P</td> <td style="text-align: center;">4.5</td> <td style="text-align: center;">MSAP-03BFFM-SL8AXX</td> </tr> <tr> <td style="text-align: center;">△F</td> <td style="text-align: center;">Contacts</td> <td style="text-align: center;">Cable OD</td> <td style="text-align: center;">AWG</td> <td style="text-align: center;">Item No.</td> </tr> </table>		△E	17P	7.0	26	MSAP-17BFFM-SL8AXX		12P	6.0	MSAP-12BFFM-SL8AXX		10P		MSAP-10BFFM-SL8AXX		8P	5.5	24	MSAP-08BFFM-SL8AXX	△C	6P	5.0	MSAP-06BFFM-SL8AXX		5P	5.1	22	MSAP-05BFFM-SL8AXX		4P	4.8	MSAP-04BFFM-SL8AXX		3P	4.5	MSAP-03BFFM-SL8AXX	△F	Contacts	Cable OD	AWG	Item No.
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	3P	4.5		MSAP-03BFFM-SL8AXX																																												
△F	Contacts	Cable OD	AWG	Item No.																																												
E	XX: No. Of Pin ———— XX: 01~99Meters 01: 01Meter 02: 02Meters : 99: 99Meters																																															
D																																																

C	Pin Out	5 -- 4 Black 黑 3 Blue 藍 2 -- 1 Brown 棕	5 -- 4 Black 黑 3 Blue 藍 2 White 白 1 Brown 棕	5 Gray 灰 4 Black 黑 3 Blue 藍 2 White 白 1 Brown 棕	8 -- 7 Blue 藍 6 Pink 粉 5 -- 4 Yellow 黃 3 Green 綠 2 Brown 棕 1 White 白	8 Red 紅 7 Blue 藍 6 Pink 粉 5 Gray 灰 4 Yellow 黃 3 Green 綠 2 Brown 棕 1 White 白	12 -- 11 -- 10 Violet 紫 9 Black 黑 8 Red 紅 7 Blue 藍 6 Pink 粉 5 Gray 灰 4 Yellow 黃 3 Green 綠 2 Brown 棕 1 White 白	12 Red/Blue 紅/藍 11 Gray/Pink 灰/粉 10 Violet 紫 9 Black 黑 8 Red 紅 7 Blue 藍 6 Pink 粉 5 Gray 灰 4 Yellow 黃 3 Green 綠 2 Brown 棕 1 White 白	17 White/Gray 白/灰 16 Yellow/Brown 黃/棕 15 White/Yellow 白/黃 14 Brown/Green 棕/綠 13 White/Green 白/綠 12 Red/Blue 紅/藍 11 Gray/Pink 灰/粉 10 Violet 紫 9 Red 紅 8 Gray 灰 7 Black 黑 6 Yellow 黃 5 Pink 粉 4 Green 綠 3 White 白 2 Blue 藍 1 Brown 棕
B	Conn.								

Pin Assignments Front View

A	UNIT:mm  TOLERANCE ±0.5mm	TITLE N SEN, M12 A -PLASTIC, SCREW CABLE W/O SR, F, F, MOLDING	SCALE 1:1	SIZE A4	SHEET 2 OF 2	REV. F	WC-REV. A.5	©: Inspection item
<h1 style="margin: 0;">Amphenol LTW</h1> <h2 style="margin: 0;">安費諾亮泰企業股份有限公司</h2>						ITEM NO MSAP-XXBFFM-SL8AXX	DRAWN BY Lingpeng	DATE 2017-04-06
						DWG NO MSAP-XXBFFM-SL8AXX	CHECKED BY Ma Fei	DATE 2017-04-06
						CUSTOMER ALTW	APPROVED BY Jerry	DATE 2017-04-06