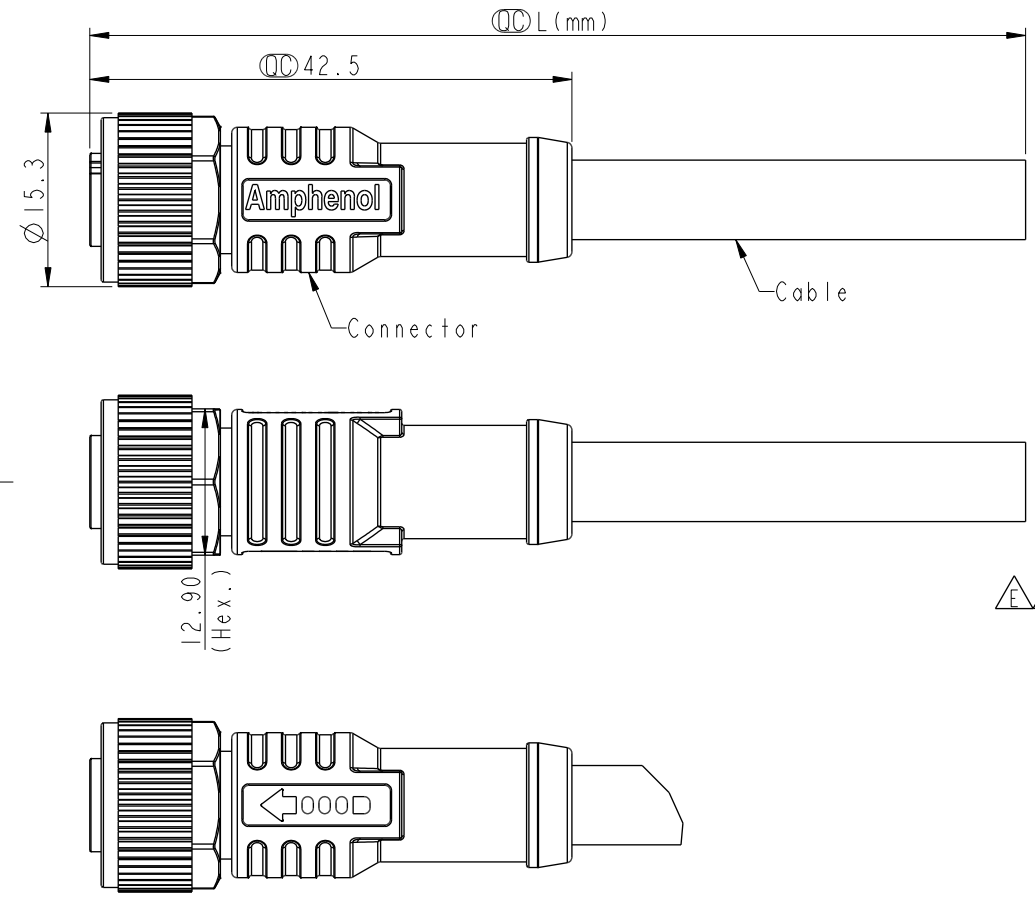


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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
D	LEN1750122~25	2017/04/06	Lingpeng	Change The Cable OD
E	C201450	2020/09/23	Ruru	△E X6
F	C210222	2021/03/19	Vicky	△E X4

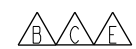


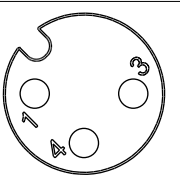
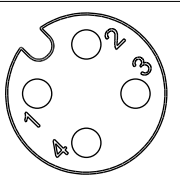
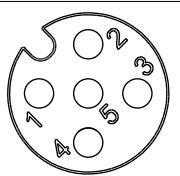
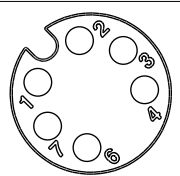
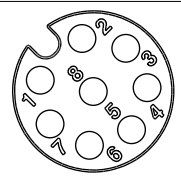
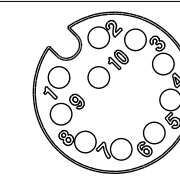
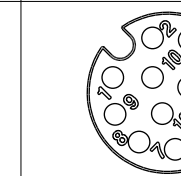
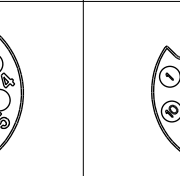
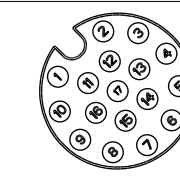
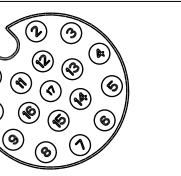
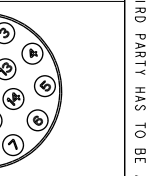
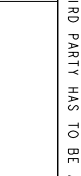
- △E △F Note:
- * RoHS Compliant
 - * ⌀ Important dimension
 - * △C Waterproof rate: IPX8, mated 1m/24h
IPX9K, mated
 - * Connector
 - Housing: Thermoplastic, Black
 - Pin: Copper alloy, Gold plated
 - O-Ring: Rubber, Green
 - Nut: Thermoplastic, Black
 - Outer mold: Thermoplastic, Black
 - * △B Cable: UL2517, PVC Jacket, Black
 - * Cable length tolerance: 1M: +50/-0 mm
 - 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	SHEET 1 OF 2
	REV. F	WC-REV. A.5	⌀: 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 △E MSAP-XXBFFM-SL8DXX	CHECKED BY Ma Fei	DATE 2017-04-06
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2017-04-06

F	 MSAP-XXBFFM-SL8DXX						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="3" 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-SL8DXX</td> </tr> <tr> <td style="text-align: center;">12P</td> <td style="text-align: center;">6.0</td> <td style="text-align: center;">MSAP-12BFFM-SL8DXX</td> </tr> <tr> <td style="text-align: center;">10P</td> <td></td> <td style="text-align: center;">MSAP-10BFFM-SL8DXX</td> </tr> <tr> <td rowspan="3" style="text-align: center;">△C</td> <td style="text-align: center;">8P</td> <td style="text-align: center;">5.5</td> <td rowspan="3" style="text-align: center;">24</td> <td style="text-align: center;">MSAP-08BFFM-SL8DXX</td> </tr> <tr> <td style="text-align: center;">6P</td> <td style="text-align: center;">5.0</td> <td style="text-align: center;">MSAP-06BFFM-SL8DXX</td> </tr> <tr> <td style="text-align: center;">5P</td> <td style="text-align: center;">5.1</td> <td style="text-align: center;">MSAP-05BFFM-SL8DXX</td> </tr> <tr> <td rowspan="3" style="text-align: center;">△F</td> <td style="text-align: center;">4P</td> <td style="text-align: center;">4.8</td> <td rowspan="3" style="text-align: center;">22</td> <td style="text-align: center;">MSAP-04BFFM-SL8DXX</td> </tr> <tr> <td style="text-align: center;">3P</td> <td style="text-align: center;">4.5</td> <td style="text-align: center;">MSAP-03BFFM-SL8DXX</td> </tr> <tr> <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-SL8DXX	12P	6.0	MSAP-12BFFM-SL8DXX	10P		MSAP-10BFFM-SL8DXX	△C	8P	5.5	24	MSAP-08BFFM-SL8DXX	6P	5.0	MSAP-06BFFM-SL8DXX	5P	5.1	MSAP-05BFFM-SL8DXX	△F	4P	4.8	22	MSAP-04BFFM-SL8DXX	3P	4.5	MSAP-03BFFM-SL8DXX	Contacts	Cable OD	AWG	Item No.
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	3P	4.5		MSAP-03BFFM-SL8DXX																																						
	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	5 -- 4 Yellow 黃 3 Green 綠 2 Brown 棕 1 White 白	5 -- 4 Yellow 黃 3 Green 綠 2 Brown 棕 1 White 白	5 -- 4 Gray 灰 3 Green 綠 2 Brown 棕 1 White 白	5 -- 4 Yellow 黃 3 Green 綠 2 Brown 棕 1 White 白	5 -- 4 Yellow 黃 3 Green 綠 2 Brown 棕 1 White 白	5 -- 4 Yellow 黃 3 Green 綠 2 Brown 棕 1 White 白	5 -- 4 Yellow 黃 3 Green 綠 2 Brown 棕 1 White 白	5 -- 4 Yellow 黃 3 Green 綠 2 Brown 棕 1 White 白	5 -- 4 Yellow 黃 3 Green 綠 2 Brown 棕 1 White 白	5 -- 4 Yellow 黃 3 Green 綠 2 Brown 棕 1 White 白	5 -- 4 Yellow 黃 3 Green 綠 2 Brown 棕 1 White 白
	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	
B	Conn.													
	3P	4P	5P	△C 6P	8P	10P	12P	17P	16P	15P	14P	13P		

Pin Assignments Front View

A	UNIT:mm		TITLE N SEN, M12 A -PLASTIC, SCREW CABLE W/O SR, F, F, MOLDING	△F	Amphenol LTW	ITEM NO	DRAWN BY	DATE
	TOLERANCE	±0.5mm	SCALE 1:1	SIZE A4	安費諾亮泰企業股份有限公司	DWG NO △E MSAP-XXBFFM-SL8DXX	CHECKED BY Ma Fei	DATE 2017-04-06
			REV. F	SHEET 2 OF 2		CUSTOMER ALTW	APPROVED BY Jerry	DATE 2017-04-06
			WC-REV. A.5	QC: Inspection item				DATE 2017-04-06