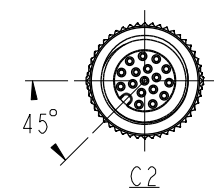
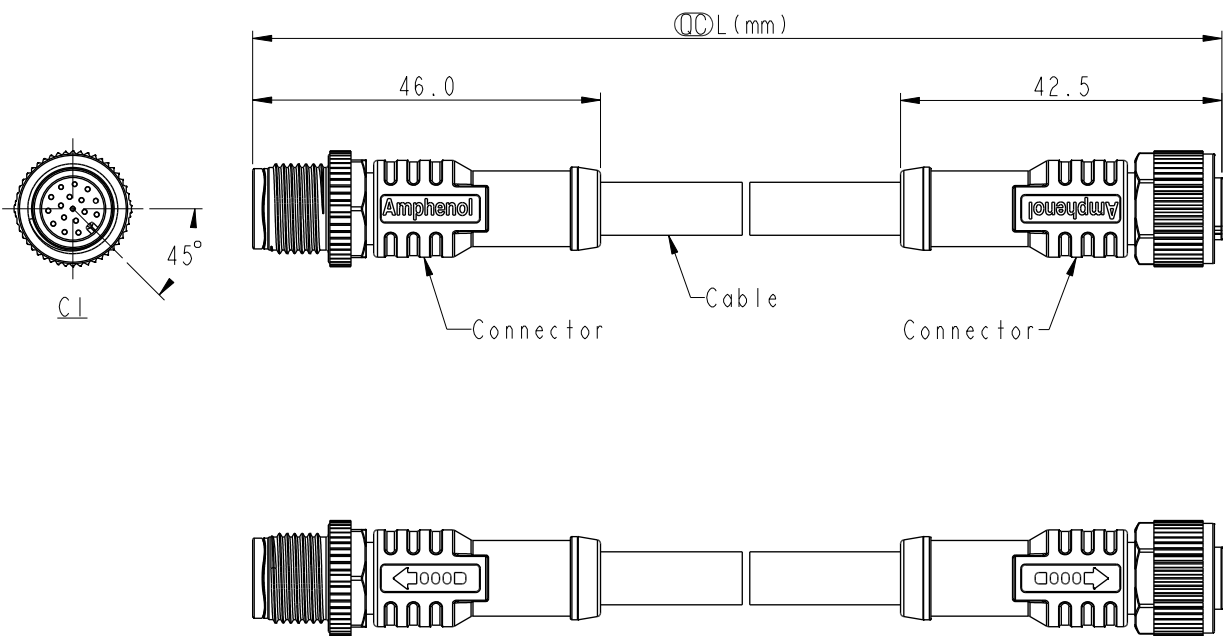


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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	C201748	2020/11/16	Ruru	$\triangle_B$ X7
C	C210231	2021/04/06	Vicky	$\triangle_C$ X4
D	C230018	2023/01/05	Vicky	$\triangle_D$ X2



Note:

- \* RoHS Compliant
- \*  $\circ$  Important dimension
- \* C1
- $\triangle$  Waterproof rate: IP68, mated 1m/24h  
IP69K, mated
- Housing: Thermoplastic, Black
- Pin: Copper alloy, Gold plated
- Nut: Thermoplastic, Black
- Outer Mold: Thermoplastic, Black
- \* C2
- $\triangle$  Waterproof rate: IP68, mated 1m/24h  
IP69K, mated
- Housing: Thermoplastic, Black
- Pin: Copper alloy, Gold plated
- O-Ring: Rubber, Green
- Nut: Thermoplastic, Black
- Outer Mold: Thermoplastic, Black
- \* Cable: UL20549, PUR Jacket, Black
- \* Cable Length Tolerance: 0.5M < L  $\leq$  1M: +60/-0 mm  
1M < L  $\leq$  3M: +120/-0 mm  
3M < L  $\leq$  5M: +160/-0 mm  
5M < L  $\leq$  10M:  $\pm$ 100 mm  
10M < L  $\leq$  20M:  $\pm$ 200 mm  
20M < L  $\leq$  30M:  $\pm$ 300 mm  
30M < L  $\leq$  99M:  $\pm$ 500 mm

UNIT: mm		
TOLERANCE		
$\pm 0.5$ mm		

TITLE ACC, SEN, A Code, DB-ENDED MF			$\triangle_C$
SCALE 1:2	SIZE A4	SHEET 1 OF 2	
REV. D	WC-REV.	$\circ$ : Inspection item	

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

ITEM NO.	DRAWN BY Ruru	DATE 2018-12-05
DWG NO. $\triangle_B$ MSAPXXML-SAPFL-SBXXX	CHECKED BY Rita	DATE 2018-12-05
CUSTOMER ALTW	APPROVED BY Max	DATE 2018-12-05

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					△B MSAPXXML-SAPFL-SBXXX XX: No. Of Pin XXX: 0.5~99Meters A05: 0.5 Meter 1: 01 Meter 2: 02 Meters : 99: 99 Meters		<table border="1"> <tr> <td>17P</td> <td>7.0</td> <td rowspan="3">26</td> <td>MSAPI7ML-SAPFL-SBXXX</td> </tr> <tr> <td>12P</td> <td rowspan="2">6.0</td> <td>MSAPI2ML-SAPFL-SBXXX</td> </tr> <tr> <td>10P</td> <td>MSAPI0ML-SAPFL-SBXXX</td> </tr> <tr> <td>8P</td> <td>4.8</td> <td rowspan="2">24</td> <td>MSAP08ML-SAPFL-SBXXX</td> </tr> <tr> <td>6P</td> <td>5.0</td> <td>MSAP06ML-SAPFL-SBXXX</td> </tr> <tr> <td>5P</td> <td>4.4</td> <td rowspan="3">22</td> <td>MSAP05ML-SAPFL-SBXXX</td> </tr> <tr> <td>4P</td> <td>4.0</td> <td>MSAP04ML-SAPFL-SBXXX</td> </tr> <tr> <td>3P</td> <td>3.8</td> <td>MSAP03ML-SAPFL-SBXXX</td> </tr> <tr> <td>△C Contacts</td> <td>Cable OD</td> <td>AWG</td> <td>Item No.</td> </tr> </table>		17P	7.0	26	MSAPI7ML-SAPFL-SBXXX	12P	6.0	MSAPI2ML-SAPFL-SBXXX	10P	MSAPI0ML-SAPFL-SBXXX	8P	4.8	24	MSAP08ML-SAPFL-SBXXX	6P	5.0	MSAP06ML-SAPFL-SBXXX	5P	4.4	22	MSAP05ML-SAPFL-SBXXX	4P	4.0	MSAP04ML-SAPFL-SBXXX	3P	3.8	MSAP03ML-SAPFL-SBXXX	△C Contacts	Cable OD	AWG	Item No.
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3P	3.8		MSAP03ML-SAPFL-SBXXX																																			
△C Contacts	Cable OD	AWG	Item No.																																			

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
	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire

Pin Assignments Front View

UNIT:mm TOLERANCE ±0.5mm	TITLE ACC, SEN, A Code, DB-ENDED MF		<b>Amphenol LTW</b> 安費諾亮泰企業股份有限公司	ITEM NO MSAPXXML-SAPFL-SBXXX	DRAWN BY Ruru	DATE 2018-12-05	
	SCALE 1:2	SIZE A4		SHEET 2 OF 2	DWG NO MSAPXXML-SAPFL-SBXXX	CHECKED BY Rita	DATE 2018-12-05
	REV. D	WC-REV.		QC: Inspection item	CUSTOMER ALTW	APPROVED BY Max	DATE 2018-12-05
	W10814-03-0001A2						