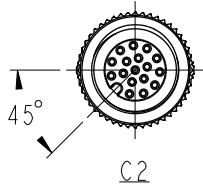
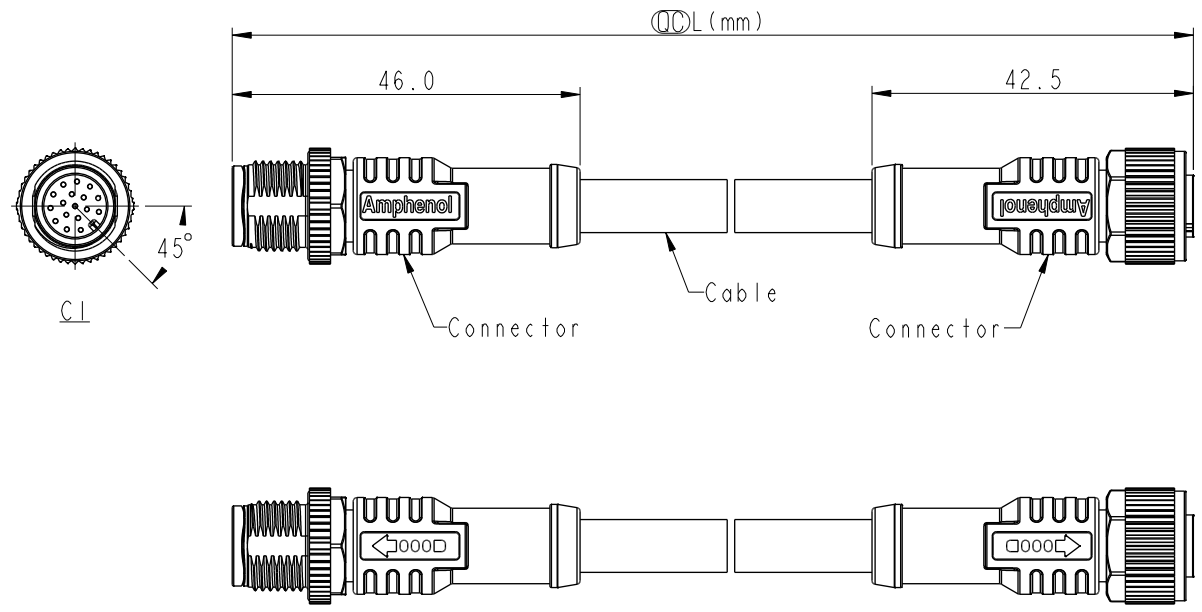


THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF AMPHENOL LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY AMPHENOL LTW.

REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	BOMR18120100	2018/12/12	Ruru	Change the drawing method
C	C201735	2020/11/11	Ruru	$\triangle C$ X7
D	C210227	2021/03/30	Vicky	$\triangle D$ X4



$\triangle C$   $\triangle D$

Note:

- \* RoHS Compliant
- \*  $\text{QC}$  Important dimension
- \* C1  
Waterproof rate: IPX8, mated 1m/24h  
IPX9K, mated  
Housing: Thermoplastic, Black  
Pin: Copper alloy, Gold plated  
Nut: Metal  
Outer Mold: Thermoplastic, Black
- \* C2  
Waterproof rate: IPX8, mated 1m/24h  
IPX9K, mated  
Housing: Thermoplastic, Black  
Pin: Copper alloy, Gold plated  
O-Ring: Rubber, Green  
Nut: Metal  
Outer Mold: Thermoplastic, Black
- \* Cable: UL2517, PVC Jacket, Black
- \* Cable Length Tolerance: 0.5M < L ≤ 1M: +60/-0 mm  
1M < L ≤ 3M: +120/-0 mm  
3M < L ≤ 5M: +160/-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	ACC, SEN, A Code, DB-ENDED $\triangle D$
TOLERANCE	±0.5mm	SCALE	1:2
		SIZE	A4
		SHEET	1 OF 2
		REV.	D
		WC-REV.	
		$\text{QC}$	Inspection item

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY	DATE
	Ruru	2018-12-12
DWG NO	CHECKED BY	DATE
$\triangle$ M12AXXML-12AFL-SDXXX	Rita	2018-12-12
CUSTOMER	APPROVED BY	DATE
ALTW	Max	2018-12-12

THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

△B	△C MI2AXXML-12AFL-SDXXX				△D		△E																														
	XX: No. Of Pin				XXX: 0.5~99Meters A05: 0.5 Meter 1: 01 Meter 2: 02 Meters : 99: 99 Meters		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>17P</td> <td>7.0</td> <td rowspan="3">26</td> <td>MI2A17ML-12AFL-SDXXX</td> </tr> <tr> <td>12P</td> <td rowspan="2">6.0</td> <td>MI2A12ML-12AFL-SDXXX</td> </tr> <tr> <td>10P</td> <td>MI2A10ML-12AFL-SDXXX</td> </tr> <tr> <td>8P</td> <td>5.5</td> <td rowspan="2">24</td> <td>MI2A08ML-12AFL-SDXXX</td> </tr> <tr> <td>6P</td> <td>5.0</td> <td>MI2A06ML-12AFL-SDXXX</td> </tr> <tr> <td>5P</td> <td>5.1</td> <td rowspan="3">22</td> <td>MI2A05ML-12AFL-SDXXX</td> </tr> <tr> <td>4P</td> <td>4.8</td> <td>MI2A04ML-12AFL-SDXXX</td> </tr> <tr> <td>3P</td> <td>4.5</td> <td>MI2A03ML-12AFL-SDXXX</td> </tr> <tr> <td>Contacts</td> <td>Cable OD</td> <td>AWG</td> <td>Item No.</td> </tr> </table>	17P	7.0	26	MI2A17ML-12AFL-SDXXX	12P	6.0	MI2A12ML-12AFL-SDXXX	10P	MI2A10ML-12AFL-SDXXX	8P	5.5	24	MI2A08ML-12AFL-SDXXX	6P	5.0	MI2A06ML-12AFL-SDXXX	5P	5.1	22	MI2A05ML-12AFL-SDXXX	4P	4.8	MI2A04ML-12AFL-SDXXX	3P	4.5	MI2A03ML-12AFL-SDXXX	Contacts	Cable OD	AWG	Item No.
17P	7.0	26	MI2A17ML-12AFL-SDXXX																																		
12P	6.0		MI2A12ML-12AFL-SDXXX																																		
10P			MI2A10ML-12AFL-SDXXX																																		
8P	5.5	24	MI2A08ML-12AFL-SDXXX																																		
6P	5.0		MI2A06ML-12AFL-SDXXX																																		
5P	5.1	22	MI2A05ML-12AFL-SDXXX																																		
4P	4.8		MI2A04ML-12AFL-SDXXX																																		
3P	4.5		MI2A03ML-12AFL-SDXXX																																		
Contacts	Cable OD	AWG	Item No.																																		

△B	△C MI2AXXML-12AFL-SDXXX				△D		△E																														
	XX: No. Of Pin				XXX: 0.5~99Meters A05: 0.5 Meter 1: 01 Meter 2: 02 Meters : 99: 99 Meters		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>17P</td> <td>7.0</td> <td rowspan="3">26</td> <td>MI2A17ML-12AFL-SDXXX</td> </tr> <tr> <td>12P</td> <td rowspan="2">6.0</td> <td>MI2A12ML-12AFL-SDXXX</td> </tr> <tr> <td>10P</td> <td>MI2A10ML-12AFL-SDXXX</td> </tr> <tr> <td>8P</td> <td>5.5</td> <td rowspan="2">24</td> <td>MI2A08ML-12AFL-SDXXX</td> </tr> <tr> <td>6P</td> <td>5.0</td> <td>MI2A06ML-12AFL-SDXXX</td> </tr> <tr> <td>5P</td> <td>5.1</td> <td rowspan="3">22</td> <td>MI2A05ML-12AFL-SDXXX</td> </tr> <tr> <td>4P</td> <td>4.8</td> <td>MI2A04ML-12AFL-SDXXX</td> </tr> <tr> <td>3P</td> <td>4.5</td> <td>MI2A03ML-12AFL-SDXXX</td> </tr> <tr> <td>Contacts</td> <td>Cable OD</td> <td>AWG</td> <td>Item No.</td> </tr> </table>	17P	7.0	26	MI2A17ML-12AFL-SDXXX	12P	6.0	MI2A12ML-12AFL-SDXXX	10P	MI2A10ML-12AFL-SDXXX	8P	5.5	24	MI2A08ML-12AFL-SDXXX	6P	5.0	MI2A06ML-12AFL-SDXXX	5P	5.1	22	MI2A05ML-12AFL-SDXXX	4P	4.8	MI2A04ML-12AFL-SDXXX	3P	4.5	MI2A03ML-12AFL-SDXXX	Contacts	Cable OD	AWG	Item No.
17P	7.0	26	MI2A17ML-12AFL-SDXXX																																		
12P	6.0		MI2A12ML-12AFL-SDXXX																																		
10P			MI2A10ML-12AFL-SDXXX																																		
8P	5.5	24	MI2A08ML-12AFL-SDXXX																																		
6P	5.0		MI2A06ML-12AFL-SDXXX																																		
5P	5.1	22	MI2A05ML-12AFL-SDXXX																																		
4P	4.8		MI2A04ML-12AFL-SDXXX																																		
3P	4.5		MI2A03ML-12AFL-SDXXX																																		
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 Assignments Front View

UNIT:mm			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 MI2AXXML-12AFL-SDXXX	DRAWN BY Ruru	DATE 2018-12-12
TOLERANCE ±0.5mm			SCALE 1:2	SIZE A4	SHEET 2 OF 2	CHECKED BY Rita	DATE 2018-12-12
			REV. D	WC-REV.	CC: Inspection item	APPROVED BY Max	DATE 2018-12-12