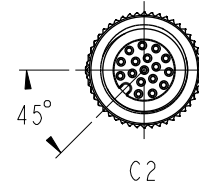
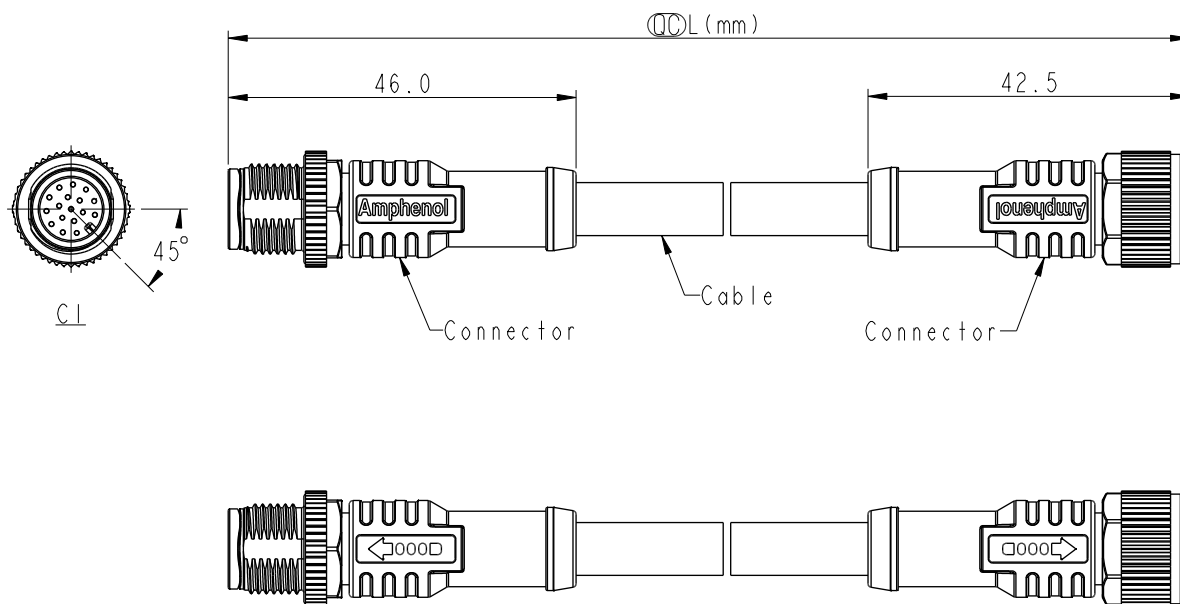


REV.	ECN NO.	DATE	SIGN	DESCRIPTION
C	C201735	2020/11/11	Ruru	 X7
D	C210227	2021/03/30	Vicky	 X4
E	C222003	2022/12/27	Vicky	 X2



Note:

* RoHS Compliant

*  Important dimension

* C1

 Waterproof rate: IP68, mated 1m/24h
IP69K, mated

Housing: Thermoplastic, Black

Pin: Copper alloy, Gold plated

Nut: Metal

Outer Mold: Thermoplastic, Black

* C2

 Waterproof rate: IP68, mated 1m/24h
IP69K, 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 MF	
TOLERANCE	±0.5mm			
SCALE 1:2	SIZE A4	SHEET 1	OF 2	
REV. E	WC-REV.	 :Inspection item		

Amphenol LTW
安費諾亮泰企業股份有限公司

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

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		1		2		3		4		5		6		7		8		
F		MI2AXXML-12AFL-SDXXX XX: No. Of Pin XXX: 0.5~99Meters A05: 0.5 Meter 1: 01 Meter 2: 02 Meters : 99: 99 Meters											17P 12P 10P	7.0 6.0	26	MI2A17ML-12AFL-SDXXX MI2A12ML-12AFL-SDXXX MI2A10ML-12AFL-SDXXX		
													8P 6P 5P 4P 3P	5.5 5.0 5.1 4.8 4.5	24 22	MI2A08ML-12AFL-SDXXX MI2A06ML-12AFL-SDXXX MI2A05ML-12AFL-SDXXX MI2A04ML-12AFL-SDXXX MI2A03ML-12AFL-SDXXX		
													Contacts	Cable OD	AWG	Item No.		
E																		
D	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		
		C2		C1		C2		C1		C2		C1		C2		C1		
		3P		4P		5P		6P		8P		10P		12P		17P		
Pin Assignments Front View																		
UNIT:mm				TITLE		ACC, SEN, A Code, DB-ENDED				ITEM NO		DRAWN BY		DATE				
TOLERANCE		±0.5mm		SCALE		1:2		SIZE		A4		SHEET		2 OF 2				
				REV.		E		WC-REV.				APPROVED BY		Max				
										CUSTOMER		ALTW						

Mouser Electronics

Authorized Distributor

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<u>M12A04ML-12AFL-SD001</u>	<u>M12A12ML-12AFL-SD002</u>	<u>M12A10ML-12AFL-SD002</u>	<u>M12A04ML-12AFL-SD002</u>
<u>M12A04ML-12AFL-SDA05</u>	<u>M12A05ML-12AFL-SD002</u>	<u>M12A10ML-12AFL-SD001</u>	<u>M12A05ML-12AFL-SDA05</u>
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<u>M12A17ML-12AFL-SD010</u>	<u>M12A03ML-12AFL-SD002</u>	<u>M12A12ML-12AFL-SD004</u>	<u>M12A17ML-12AFL-SD001</u>
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<u>M12A03ML-12AFL-SD005</u>	<u>M12A10ML-12AFL-SD005</u>	<u>M12A12ML-12AFL-SD005</u>	<u>M12A17ML-12AFL-SD002</u>
<u>M12A03ML-12AFL-SDA05</u>	<u>M12A04ML-12AFL-SD030</u>	<u>M12A08ML-12AFL-SD010</u>	<u>M12A05ML-12AFL-SD008</u>
<u>M12A04ML-12AFL-SD010</u>	<u>M12A17ML-12AFL-SD015</u>	<u>M12A17ML-12AFL-SD003</u>	<u>M12A17ML-12AFL-SD005</u>
<u>M12A03ML-12AFL-SD004</u>	<u>M12A04ML-12AFL-SD003</u>		