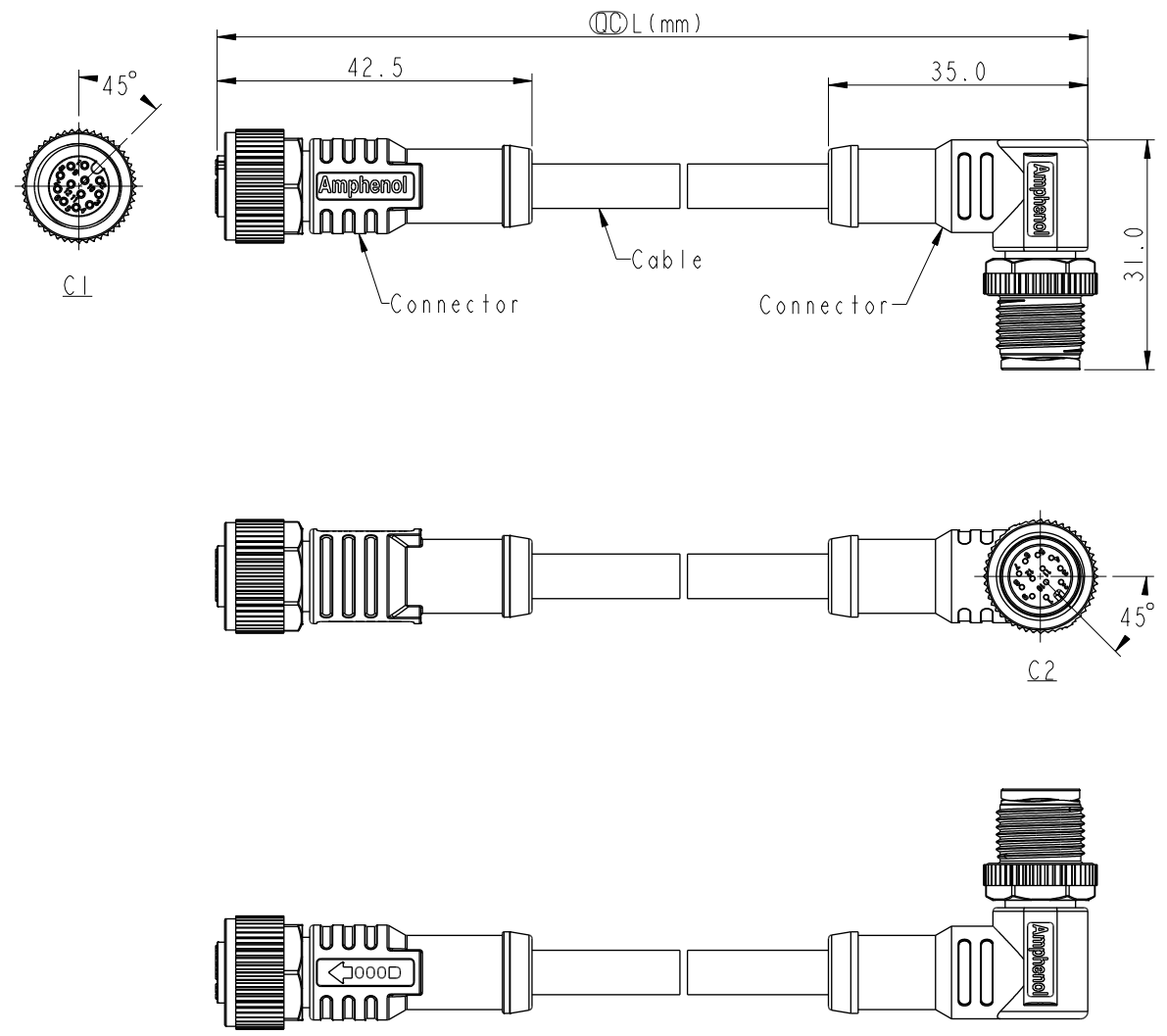


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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	C201748	2020/11/10	Ruru	$\triangle B$ X5
C	C210230	2021/04/01	Vicky	$\triangle C$ X4
D	C230011	2023/01/05	Vicky	$\triangle D$ X2



$\triangle B$   $\triangle C$

Note:

- \* RoHS Compliant
- \*  $\text{⌀}$  Important dimension
- \* C1
- $\triangle D$  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
- \* C2
- $\triangle D$  Waterproof rate: IP68, mated 1m/24h  
IP69K, mated
- Housing: Thermoplastic, Black
- Pin: Copper alloy, Gold plated
- Nut: Thermoplastic, Black
- Outer Mold: Thermoplastic, Black
- \* Cable: UL2517, PVC 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	$\text{⌀}$	$\text{⌀}$	TITLE ACC, SEN, A Code, DB-ENDED FM	$\triangle C$
TOLERANCE	$\pm 0.5\text{mm}$			
SCALE 1:2	SIZE A4	SHEET 1	OF 2	
REV. D	WC-REV.	$\text{⌀}$ : Inspection item		

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY Ruru	DATE 2018-12-06
DWG NO $\triangle B$ MSAPXXFL-SAPMR-SDXXX	CHECKED BY Rita	DATE 2018-12-06
CUSTOMER ALTW	APPROVED BY Max	DATE 2018-12-06

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MSAPXXFL-SAPMR-SDXXX

XX: No. Of Pin

XXX: 0.5~99Meters  
 A05: 0.5 Meter  
 1: 01 Meter  
 2: 02 Meters  
 :  
 99: 99 Meters

12P	6.0	26	MSAP12FL-SAPMR-SDXXX
10P			MSAP10FL-SAPMR-SDXXX
8P	5.5	24	MSAP08FL-SAPMR-SDXXX
6P			MSAP06FL-SAPMR-SDXXX
5P	5.1	22	MSAP05FL-SAPMR-SDXXX
4P			MSAP04FL-SAPMR-SDXXX
3P			MSAP03FL-SAPMR-SDXXX
Contacts	Cable OD	AWG	Item No.

	3P		4P		5P		6P		8P		10P		12P		
Pin Out	5 --	4 Black 黑	3 Blue 藍	2 --	1 Brown 棕	5 Gray 灰	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
	4 Black 黑	3 Blue 藍	2 --	1 Brown 棕	5 Gray 灰	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 Red 紅
	3 Blue 藍	2 --	1 Brown 棕	5 Gray 灰	4 Black 黑	3 Blue 藍	2 White 白	1 Brown 棕	8 Red 紅	7 Blue 藍	6 Pink 粉	5 Gray 灰	4 Yellow 黃	3 Green 綠	2 Brown 棕
	2 --	1 Brown 棕	5 Gray 灰	4 Black 黑	3 Blue 藍	2 White 白	1 Brown 棕	8 Red 紅	7 Blue 藍	6 Pink 粉	5 Gray 灰	4 Yellow 黃	3 Green 綠	2 Brown 棕	1 White 白
	1 Brown 棕	5 Gray 灰	4 Black 黑	3 Blue 藍	2 White 白	1 Brown 棕	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
	Pin #	Wire	Pin #	Wire	Pin #	Wire	Pin #	Wire	Pin #	Wire	Pin #	Wire	Pin #	Wire	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

Pin Assignments Front View

UNIT:mm TOLERANCE ±0.5mm	TITLE ACC, SEN, A Code, DB-ENDED FM			<b>Amphenol LTW</b> 安費諾亮泰企業股份有限公司	ITEM NO	DRAWN BY Ruru	DATE 2018-12-06	
	SCALE 1:2	SIZE A4			SHEET 2 OF 2	DWG NO MSAPXXFL-SAPMR-SDXXX	CHECKED BY Rita	DATE 2018-12-06
	REV. D	WC-REV.			QC: Inspection item	CUSTOMER ALTW	APPROVED BY Max	DATE 2018-12-06