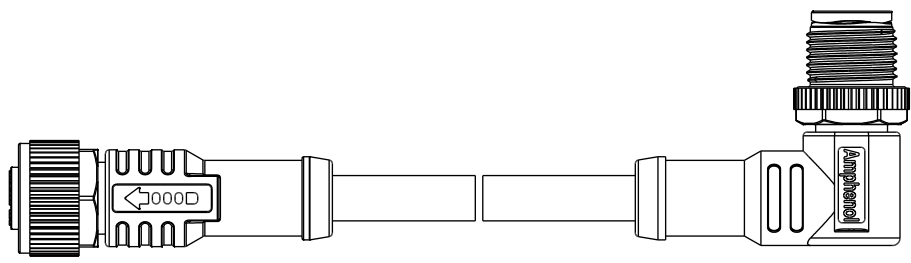
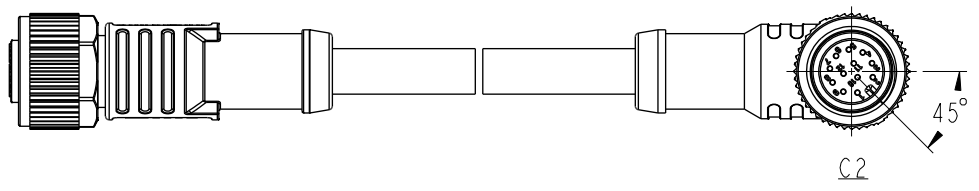
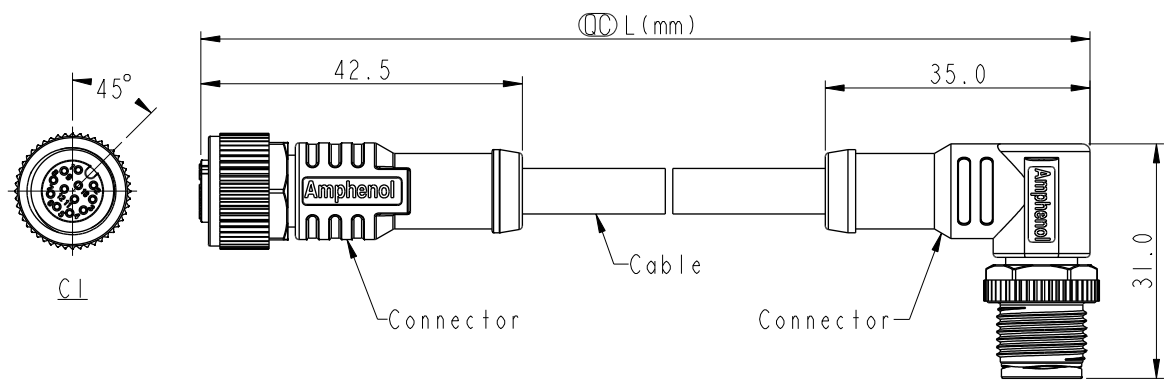


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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	C201748	2020/11/10	Ruru	\triangle_B X5
C	C210230	2021/04/01	Vicky	\triangle_C X4
D	C230012	2023/01/05	Vicky	\triangle_D X2



Note:

- * RoHS Compliant
- * \circ 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: 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		TITLE	ACC, SEN, A Code, DB-ENDED \triangle_C
TOLERANCE	± 0.5 mm	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	DATE
	Ruru	2018-12-06
DWG NO	CHECKED BY	DATE
\triangle_B MSAPXXFL-SAPMR-SBXXX	Rita	2018-12-06
CUSTOMER	APPROVED BY	DATE
ALTW	Max	2018-12-06

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MSAPXXFL-SAPMR-SBXXX

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-SBXXX
10P			MSAP10FL-SAPMR-SBXXX
8P	4.8	24	MSAP08FL-SAPMR-SBXXX
6P	5.0		MSAP06FL-SAPMR-SBXXX
5P	4.4	22	MSAP05FL-SAPMR-SBXXX
4P	4.0		MSAP04FL-SAPMR-SBXXX
3P	3.8		MSAP03FL-SAPMR-SBXXX
Contacts	Cable OD	AWG	Item No.

	3		4		5		6		7		8	
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	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				
	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire
C2												
C1												

Pin Assignments Front View

UNIT:mm TOLERANCE ±0.5mm	TITLE ACC, SEN, A Code, DB-ENDED FM		 Amphenol LTW 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-SBXXX	CHECKED BY Rita	DATE 2018-12-06
	REV. D	WC-REV.		QC: Inspection item	CUSTOMER ALTW	APPROVED BY Max	DATE 2018-12-06
				W10814-03-001A2			