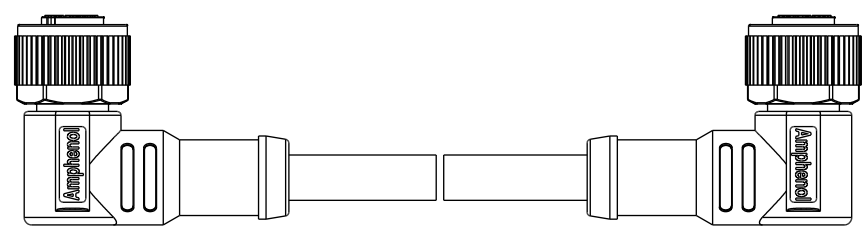
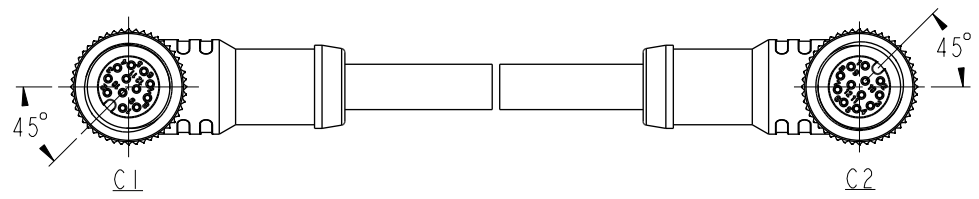
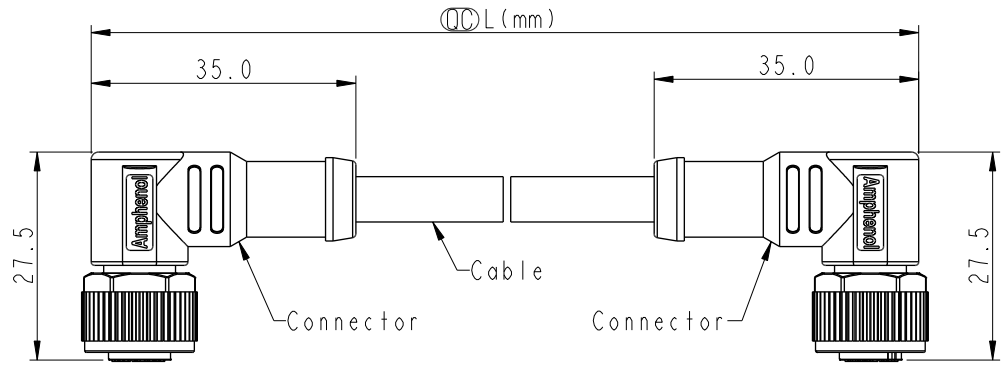


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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	C201748	2020/11/11	Ruru	$\triangle B$ X5
C	C210230	2021/04/01	Vicky	$\triangle C$ X4
D	C230018	2023/01/05	Vicky	$\triangle D$ X1



$\triangle B \triangle C$   
 Note:  
 \* RoHS Compliant  
 \*  $\circ C$  Important dimension  
 $\triangle D$  \* Waterproof rate: IP68, mated 1m/24h  
 IP69K, mated



- \* Connector
  - Housing: Thermoplastic, Black
  - Pin: Copper alloy, Gold plated
  - O-Ring: Rubber, Green
  - Nut: Thermoplastic, Black
  - Outer Mold: Thermoplastic, Black
- \* Cable: UL2517, PVC Jacket, Black
- \* Cable Length Tolerance:
 

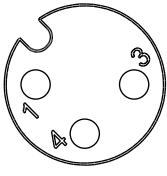
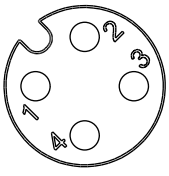
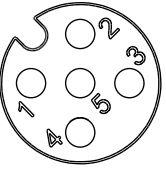
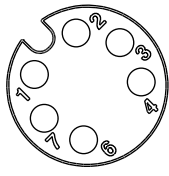
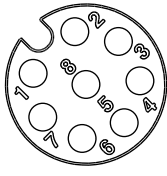
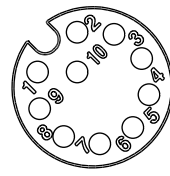
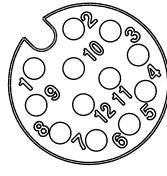
0.5M < L $\leq$ 1M	+60/-0 mm
1M < L $\leq$ 3M	+120/-0 mm
3M < L $\leq$ 5M	+160/-0 mm
5M < L $\leq$ 10M	$\pm 100$ mm
10M < L $\leq$ 20M	$\pm 200$ mm
20M < L $\leq$ 30M	$\pm 300$ mm
30M < L $\leq$ 99M	$\pm 500$ mm

UNIT:mm		TITLE	ACC, SEN, A Code, DB-ENDED $\triangle C$
TOLERANCE	$\pm 0.5$ mm	SCALE	1:2
		SIZE	A4
		SHEET	1 OF 2
		REV.	D
		WC-REV.	
		$\circ C$	Inspection item





**Amphenol LTW**  
 安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY	DATE
	Ruru	2018-12-05
DWG NO	CHECKED BY	DATE
$\triangle B$ MSAPXXFR-SAPFR-SDXXX	Rita	2018-12-05
CUSTOMER	APPROVED BY	DATE
ALTW	Max	2018-12-05

F	 MSAPXXFR-SAPFR-SDXXX XX: No. Of Pin					12P 10P 8P 6P 5P 4P 3P	6.0 5.5 5.0 5.1 4.8 4.5	26 24 22	MSAP12FR-SAPFR-SDXXX MSAP10FR-SAPFR-SDXXX MSAP08FR-SAPFR-SDXXX MSAP06FR-SAPFR-SDXXX MSAP05FR-SAPFR-SDXXX MSAP04FR-SAPFR-SDXXX MSAP03FR-SAPFR-SDXXX
	XXX: 0.5~99Meters A05: 0.5 Meter 1: 01 Meter 2: 02 Meters . 99: 99 Meters					 Contacts Cable OD		AWG	Item No.

C	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
		Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire
B	C1 & C2	 3P	 4P	 5P	 6P	 8P	 10P	 12P

Pin Assignments Front View

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