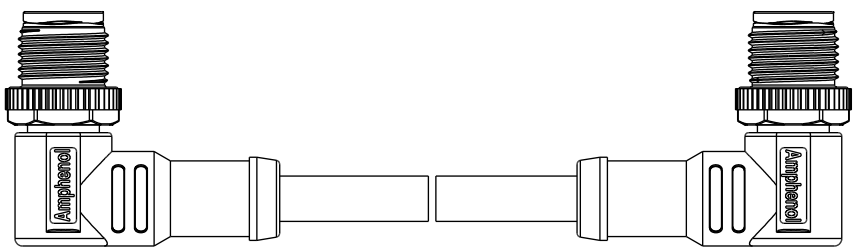
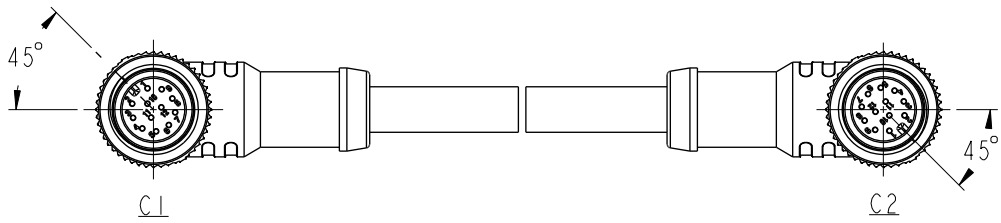
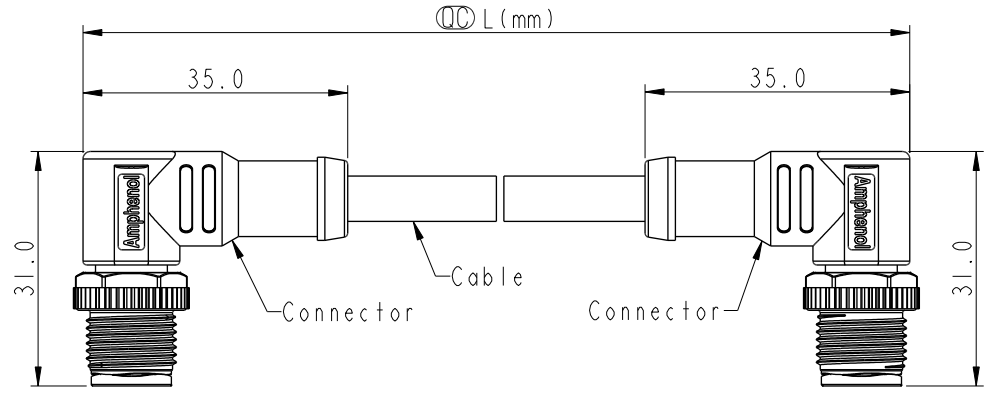


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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	C201808	2020/11/19	Vicky	$\triangle B$ X4
C	C210232	2021/04/06	Vicky	$\triangle C$ X4
D	C230019	2023/01/06	Vicky	$\triangle D$ X1



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

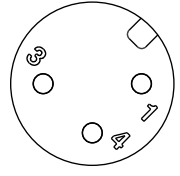
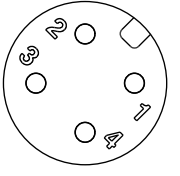
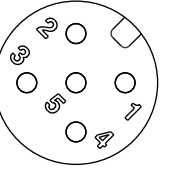
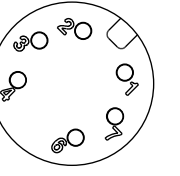
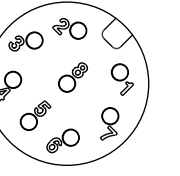
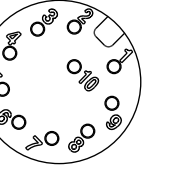
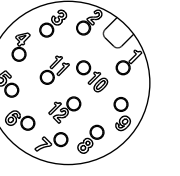
UNIT:mm		TITLE	ACC, SEN, A Code, DB-ENDED $\triangle C$
TOLERANCE	$\pm 0.5$ mm	SCALE	1:2
		SIZE	A4
		SHEET	1 OF 2
		REV.	D
		WC-REV.	
		$\circ L$	Inspection item

**Amphenol LTW**  
安費諾亮泰企業股份有限公司


ITEM NO	DRAWN BY	DATE
	Vicky	2018-12-07
DWG NO	CHECKED BY	DATE
$\triangle A$ MSAPXXMR-SAPMR-SBXXX	Rita	2018-12-07
CUSTOMER	APPROVED BY	DATE
ALTW	Max	2018-12-07

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 <b>MSAPXXMR-SAPMR-SBXXX</b> 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 style="width: 15%;">12P</td> <td style="width: 15%;">6.0</td> <td style="width: 15%;">26</td> <td style="width: 55%;">MSAP12MR-SAPMR-SBXXX</td> </tr> <tr> <td>10P</td> <td></td> <td></td> <td>MSAP10MR-SAPMR-SBXXX</td> </tr> <tr> <td>8P</td> <td>4.8</td> <td rowspan="2">24</td> <td>MSAP08MR-SAPMR-SBXXX</td> </tr> <tr> <td>6P</td> <td>5.0</td> <td>MSAP06MR-SAPMR-SBXXX</td> </tr> <tr> <td>5P</td> <td>4.4</td> <td rowspan="3">22</td> <td>MSAP05MR-SAPMR-SBXXX</td> </tr> <tr> <td>4P</td> <td>4.0</td> <td>MSAP04MR-SAPMR-SBXXX</td> </tr> <tr> <td>3P</td> <td>3.8</td> <td>MSAP03MR-SAPMR-SBXXX</td> </tr> <tr> <td> Contacts</td> <td>Cable OD</td> <td>AWG</td> <td>Item No.</td> </tr> </table>	12P	6.0	26	MSAP12MR-SAPMR-SBXXX	10P			MSAP10MR-SAPMR-SBXXX	8P	4.8	24	MSAP08MR-SAPMR-SBXXX	6P	5.0	MSAP06MR-SAPMR-SBXXX	5P	4.4	22	MSAP05MR-SAPMR-SBXXX	4P	4.0	MSAP04MR-SAPMR-SBXXX	3P	3.8	MSAP03MR-SAPMR-SBXXX	 Contacts	Cable OD	AWG	Item No.
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10P			MSAP10MR-SAPMR-SBXXX																																
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4P	4.0		MSAP04MR-SAPMR-SBXXX																																
3P	3.8		MSAP03MR-SAPMR-SBXXX																																
 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
	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire
							
	3P	4P	5P	6P	8P	10P	12P

Pin Assignments Front View

UNIT:mm		TITLE ACC, SEN, A Code, DB-ENDED MM		<b>Amphenol LTW</b> 安費諾亮泰企業股份有限公司	ITEM NO	DRAWN BY Vicky	DATE 2018-12-07
TOLERANCE ±0.5 mm		SCALE 1:2	SIZE A4	SHEET 2 OF 2	DWG NO  MSAPXXMR-SAPMR-SBXXX	CHECKED BY Rita	DATE 2018-12-07
		REV. D	WC-REV.	 : Inspection item	CUSTOMER ALTW	APPROVED BY Max	DATE 2018-12-07