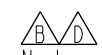
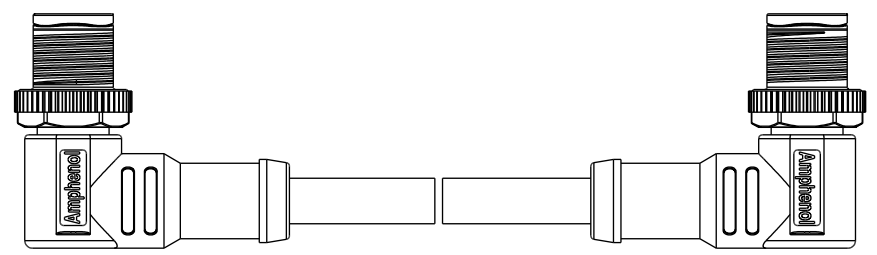
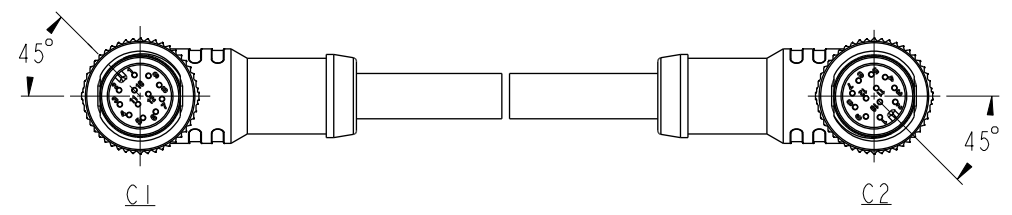
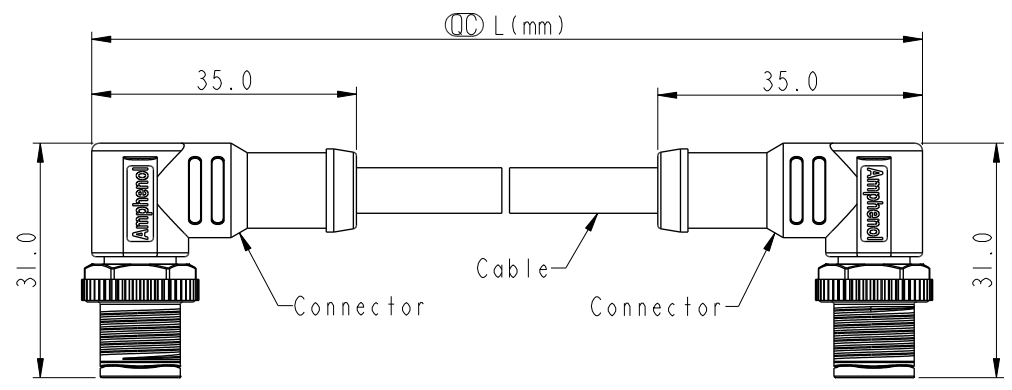


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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	C201807	2020/11/18	Vicky	$\triangle_B$ X4
C	C210022	2021/01/07	Vicky	$\triangle_C$ X1
D	C210229	2021/04/01	Vicky	$\triangle_D$ X4



Note:

- \* RoHS Compliant
- \*  $\varnothing$  Important dimension
- \* Waterproof rate: IPX8, mated 1m/24h  
IPX9K, mated

- \* Connector
  - Housing: Thermoplastic, Black
  - Pin: Copper alloy, Gold plated
- $\triangle_C$  Nut: Metal
- 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

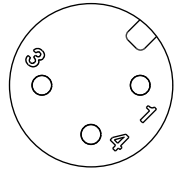
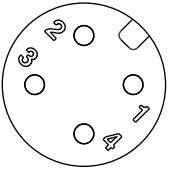
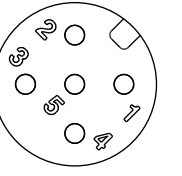
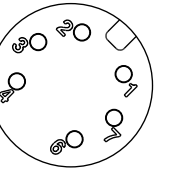
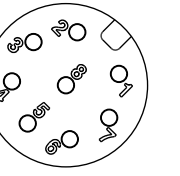
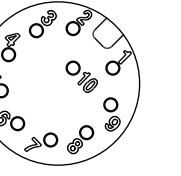
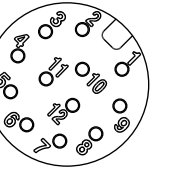
UNIT: mm		TITLE	ACC, SEN, A Code, DB-ENDED $\triangle_D$
TOLERANCE	$\pm 0.5$ mm	SCALE	1:1
		SIZE	A4
		SHEET	1 OF 2
		REV.	D
		WC-REV.	
		$\varnothing$	Inspection item

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

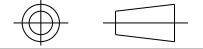

ITEM NO.	DRAWN BY	DATE
	Vicky	2018-12-07
DWG NO.	CHECKED BY	DATE
$\triangle_B$ MI2AXXMR-12AMR-SDXXX	Rita	2018-12-07
CUSTOMER	APPROVED BY	DATE
ALTW	Max	2018-12-07

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 <b>M12AXXMR-12AMR-SDXXX</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%;">M12A12MR-12AMR-SDXXX</td> </tr> <tr> <td>10P</td> <td></td> <td></td> <td>M12A10MR-12AMR-SDXXX</td> </tr> <tr> <td>8P</td> <td>5.5</td> <td rowspan="2">24</td> <td>M12A08MR-12AMR-SDXXX</td> </tr> <tr> <td>6P</td> <td>5.0</td> <td>M12A06MR-12AMR-SDXXX</td> </tr> <tr> <td>5P</td> <td>5.1</td> <td rowspan="3">22</td> <td>M12A05MR-12AMR-SDXXX</td> </tr> <tr> <td>4P</td> <td>4.8</td> <td>M12A04MR-12AMR-SDXXX</td> </tr> <tr> <td>3P</td> <td>4.5</td> <td>M12A03MR-12AMR-SDXXX</td> </tr> <tr> <td>Contacts</td> <td>Cable OD</td> <td>AWG</td> <td>Item No.</td> </tr> </table>	12P	6.0	26	M12A12MR-12AMR-SDXXX	10P			M12A10MR-12AMR-SDXXX	8P	5.5	24	M12A08MR-12AMR-SDXXX	6P	5.0	M12A06MR-12AMR-SDXXX	5P	5.1	22	M12A05MR-12AMR-SDXXX	4P	4.8	M12A04MR-12AMR-SDXXX	3P	4.5	M12A03MR-12AMR-SDXXX	Contacts	Cable OD	AWG	Item No.
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10P			M12A10MR-12AMR-SDXXX																														
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6P	5.0		M12A06MR-12AMR-SDXXX																														
5P	5.1	22	M12A05MR-12AMR-SDXXX																														
4P	4.8		M12A04MR-12AMR-SDXXX																														
3P	4.5		M12A03MR-12AMR-SDXXX																														
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
C1 & C2							
	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>	ITEM NO	DRAWN BY Vicky	DATE 2018-12-07
TOLERANCE ±0.5mm	SCALE 1:1	SIZE A4	SHEET 2 OF 2	<b>安費諾亮泰企業股份有限公司</b>	DWG NO M12AXXMR-12AMR-SDXXX	CHECKED BY Rita	DATE 2018-12-07
	REV. D	WC-REV.	QC: Inspection item		CUSTOMER ALTW	APPROVED BY Max	DATE 2018-12-07