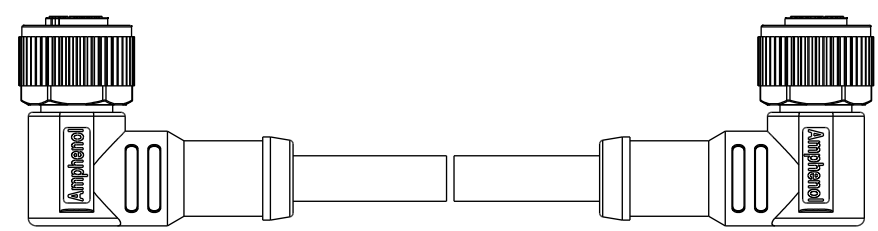
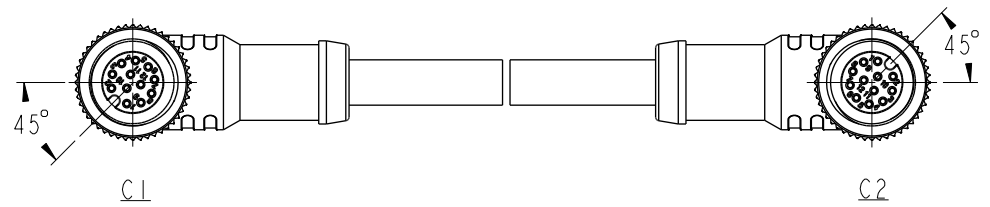
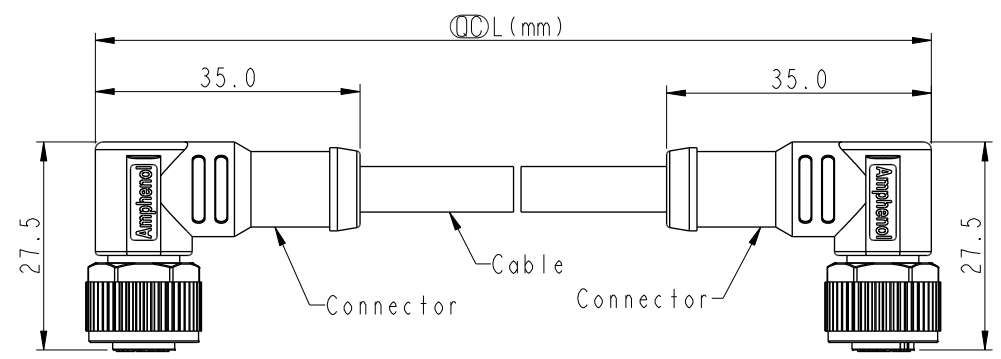


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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	C201807	2020/11/18	Vicky	\triangle_B X4
C	C210021	2021/01/07	Vicky	\triangle_C X1
D	C210227	2021/03/30	Vicky	\triangle_D X4



Note:

- * RoHS Compliant
- * \circledast Important dimension
- * Waterproof rate: IPX8, mated 1m/24h
IPX9K, mated
- * Connector
 - Housing: Thermoplastic, Black
 - Pin: Copper alloy, Gold plated
 - O-Ring: Rubber, Green
- \triangle_C Nut: Metal
- 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_D
TOLERANCE	$\pm 0.5\text{mm}$	SCALE	1:1
		SIZE	A4
		SHEET	1 OF 2
		REV.	D
		WC-REV.	
		\circledast	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 M12AXXFR-12AFR-SBXXX	Rita	2018-12-05
CUSTOMER	APPROVED BY	DATE
ALTW	Max	2018-12-05

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 M12AXXFR-12AFR-SBXXX 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%;">M12A12FR-12AFR-SBXXX</td> </tr> <tr> <td>10P</td> <td></td> <td></td> <td>M12A10FR-12AFR-SBXXX</td> </tr> <tr> <td>8P</td> <td>4.8</td> <td rowspan="2">24</td> <td>M12A08FR-12AFR-SBXXX</td> </tr> <tr> <td>6P</td> <td>5.0</td> <td>M12A06FR-12AFR-SBXXX</td> </tr> <tr> <td>5P</td> <td>4.4</td> <td rowspan="3">22</td> <td>M12A05FR-12AFR-SBXXX</td> </tr> <tr> <td>4P</td> <td>4.0</td> <td>M12A04FR-12AFR-SBXXX</td> </tr> <tr> <td>3P</td> <td>3.8</td> <td>M12A03FR-12AFR-SBXXX</td> </tr> <tr> <td> Contacts</td> <td>Cable OD</td> <td>AWG</td> <td>Item No.</td> </tr> </table>			12P	6.0	26	M12A12FR-12AFR-SBXXX	10P			M12A10FR-12AFR-SBXXX	8P	4.8	24	M12A08FR-12AFR-SBXXX	6P	5.0	M12A06FR-12AFR-SBXXX	5P	4.4	22	M12A05FR-12AFR-SBXXX	4P	4.0	M12A04FR-12AFR-SBXXX	3P	3.8	M12A03FR-12AFR-SBXXX	 Contacts	Cable OD	AWG	Item No.
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4P	4.0		M12A04FR-12AFR-SBXXX																																			
3P	3.8		M12A03FR-12AFR-SBXXX																																			
 Contacts	Cable OD	AWG	Item No.																																			

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

Pin Assignments Front View

UNIT:mm		TITLE ACC, SEN, A Code, DB-ENDED FF	<h1>Amphenol LTW</h1> 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 1:1	SIZE A4	SHEET 2 OF 2	DWG NO M12AXXFR-12AFR-SBXXX	CHECKED BY Rita	DATE 2018-12-05
REV. D	WC-REV.	QC: Inspection item		CUSTOMER ALTW	APPROVED BY Max	DATE 2018-12-05