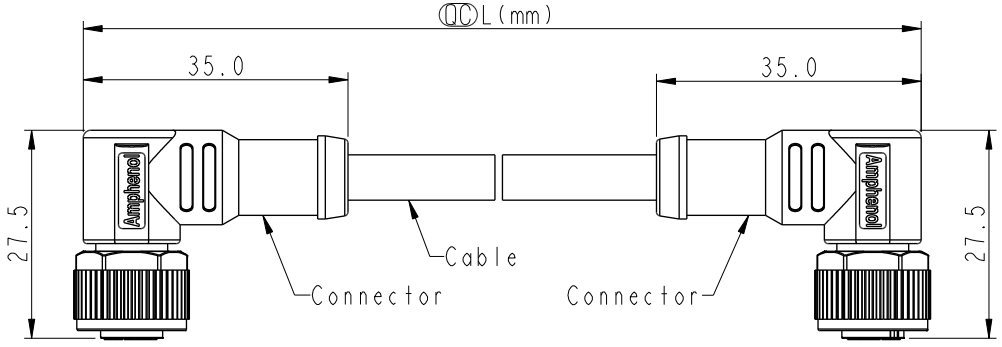
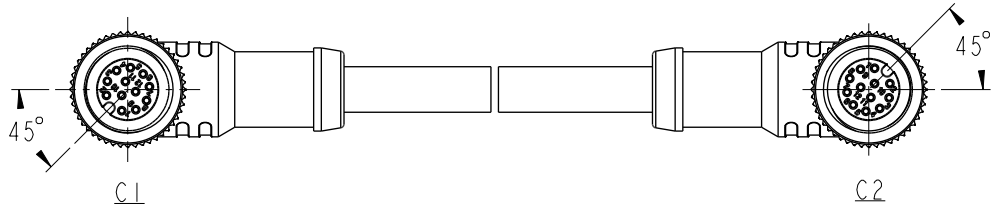
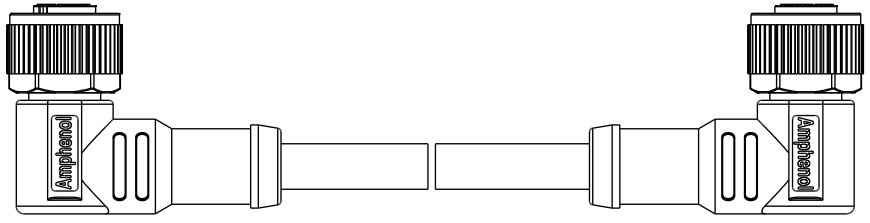
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
C	C210021	2021/01/07	Vicky	C X1
D	C210227	2021/03/30	Vicky	D X4
E	C221996	2022/12/27	Vicky	E X1







B D
Note:
* RoHS Compliant
* QC Important dimension
E * Waterproof rate: IP68, mated 1m/24h
IP69K, mated
* Connector
Housing: Thermoplastic, Black
Pin: Copper alloy, Gold plated
O-Ring: Rubber, Green
C Nut: Metal
Outer Mold: Thermoplastic, Black
* Cable: UL2517, PVC 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 FF D	Amphenol LTW 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 1 OF 2		DWG NO: B M12AXXFR-12AFR-SDXXX	CHECKED BY: Rita	DATE: 2018-12-05
	REV.: E / WC-REV.	QC: Inspection item	CUSTOMER: ALTW	APPROVED BY: Max	DATE: 2018-12-05

W10814-03-[redacted]01A2

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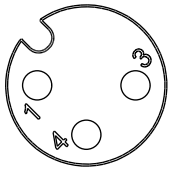
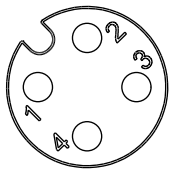
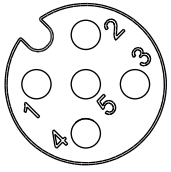
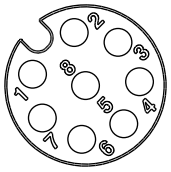
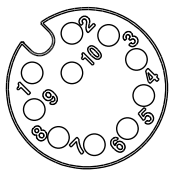
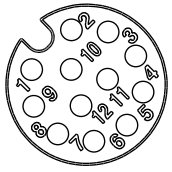
sales@prom-elec.com / ООО ПРОМЭЛЕКТРОНИКА

Contacts	Cable OD	AWG	Item No.
12P	6.0	26	MI2A12FR-12AFR-SDXXX
10P			MI2A10FR-12AFR-SDXXX
8P	5.5	24	MI2A08FR-12AFR-SDXXX
6P	5.0		MI2A06FR-12AFR-SDXXX
5P	5.1	22	MI2A05FR-12AFR-SDXXX
4P	4.8		MI2A04FR-12AFR-SDXXX
3P	4.5		MI2A03FR-12AFR-SDXXX

MI2AXXFR-12AFR-SDXXX

XX: No. Of Pin

XXX: 0.5~99Meters
A05: 0.5 Meter
1: 01 Meter
2: 02 Meters
:
99: 99 Meters

Pin Out	Pin #	Wire	Pin #	Wire	Pin #	Wire	Pin #	Wire	Pin #	Wire	Pin #	Wire	Pin #	Wire
	5	--	5	--	5	Gray 灰	8	--	8	Red 紅	12	--	12	Red/Blue 紅/藍
	4	Black 黑	4	Black 黑	4	Black 黑	7	Blue 藍	7	Blue 藍	11	--	11	Gray/Pink 灰/粉
	3	Blue 藍	3	Blue 藍	3	Blue 藍	6	Pink 粉	6	Pink 粉	10	Violet 紫	10	Violet 紫
	2	--	2	White 白	2	White 白	5	--	5	Gray 灰	9	Black 黑	9	Black 黑
	1	Brown 棕	1	Brown 棕	1	Brown 棕	4	Yellow 黃	4	Yellow 黃	8	Red 紅	8	Red 紅
							3	Green 綠	3	Green 綠	7	Blue 藍	7	Blue 藍
							2	Brown 棕	2	Brown 棕	6	Pink 粉	6	Pink 粉
							1	White 白	1	White 白	5	Gray 灰	5	Gray 灰
											4	Yellow 黃	4	Yellow 黃
											3	Green 綠	3	Green 綠
											2	Brown 棕	2	Brown 棕
											1	White 白	1	White 白
C1 & C2	 3P		 4P		 5P		6P		 8P		 10P		 12P	

Pin Assignments Front View

UNIT: mm	TITLE: ACC, SEN, A Code, DB-ENDED FF		ITEM NO	DRAWN BY: Ruru	DATE: 2018-12-05
TOLERANCE: ±0.5mm	SCALE: 1:1	SIZE: A4	SHEET 2 OF 2	DWG NO: MI2AXXFR-12AFR-SDXXX	CHECKED BY: Rita	DATE: 2018-12-05
	REV.: E	WC-REV.	QC: Inspection item	CUSTOMER: ALTW	APPROVED BY: Max	DATE: 2018-12-05

Amphenol LTW
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