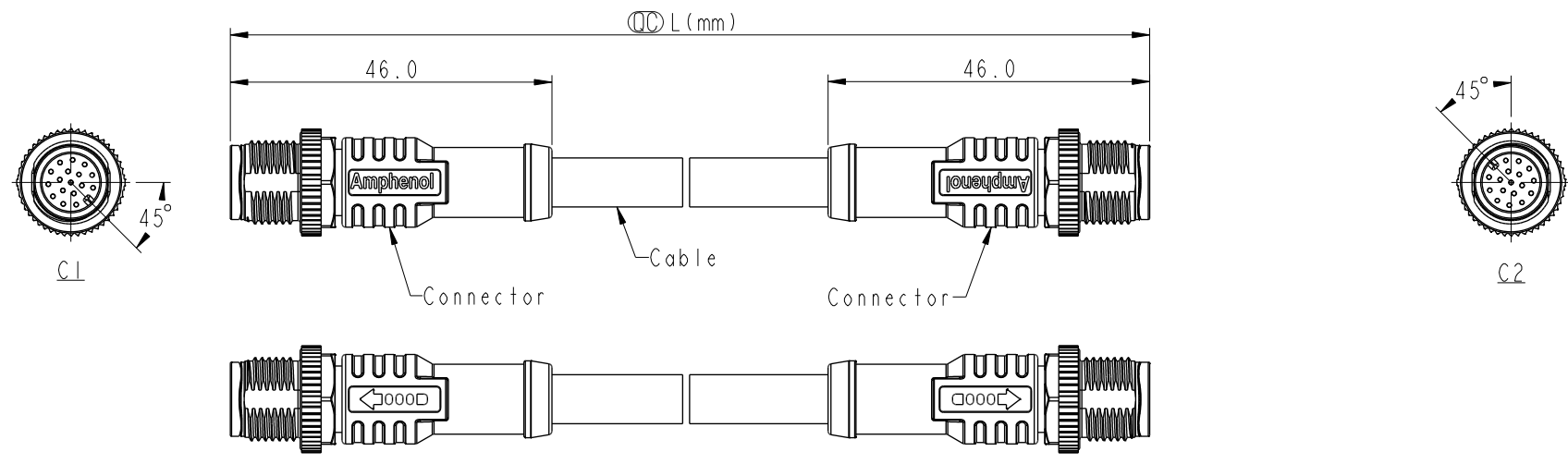


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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
C	C210022	2021/01/07	Vicky	△C X1
D	C210228	2021/04/01	Vicky	△D X4
E	C222003	2022/12/27	Vicky	△E X1



- △B △D
 Note:
 * RoHS Compliant
 * Ⓢ Important dimension
 △E * Waterproof rate: IP68, mated 1m/24h
 IP69K, mated
- * Connector
 - Housing: Thermoplastic, Black
 - Pin: Copper alloy, Gold plated
 - △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 MM	△D
TOLERANCE ±0.5mm	SCALE 1:2	SIZE A4	SHEET 1 OF 2	REV. E
	WC-REV. A.5	Ⓢ: Inspection item		

Amphenol LTW
 安費諾亮泰企業股份有限公司

ITEM NO.	DRAWN BY Vicky	DATE 2018-12-07
DWG NO. △A MI2AXXML-12AML-SDXXX	CHECKED BY Rita	DATE 2018-12-07
CUSTOMER ALTW	APPROVED BY Max	DATE 2018-12-07

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1 2 3 4 5 6 7 8

 M12AXXML-12AML-SDXXX XX: No. Of Pin	17P	7.0	26	M12A17ML-12AML-SDXXX
	12P	6.0		M12A12ML-12AML-SDXXX
	10P			M12A10ML-12AML-SDXXX
	8P	5.5	24	M12A08ML-12AML-SDXXX
	6P	5.0		M12A06ML-12AML-SDXXX
	5P	5.1		M12A05ML-12AML-SDXXX
	4P	4.8	22	M12A04ML-12AML-SDXXX
	3P	4.5		M12A03ML-12AML-SDXXX
	 Contacts	Cable OD	AWG	Item No.

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

Pin Out	Wire	Wire	Wire	Wire	Wire	Wire	Wire	Wire	Wire	Wire	Wire
5 --	5 --	5 Gray	5 --	5 --	5 --	5 --	5 --	5 --	5 --	5 --	5 --
4 Black	4 Black	4 Black	4 Black	4 Gray	4 Blue	4 Red	4 Red	4 Red	4 Red	4 Red	4 Red
3 Blue	3 Blue	3 Blue	3 Blue	3 Black	3 Blue	3 Blue	3 Blue	3 Blue	3 Blue	3 Blue	3 Blue
2 --	2 White	2 White	2 White	2 Yellow	2 Green	2 Green	2 Green	2 Green	2 Green	2 Green	2 Green
1 Brown	1 Brown	1 Brown	1 Brown	2 Brown	2 Brown	2 Brown	2 Brown	2 Brown	2 Brown	2 Brown	2 Brown
1 Brown	1 Brown	1 Brown	1 Brown	1 White	1 White	1 White	1 White	1 White	1 White	1 White	1 White

17 White/Gray	17 白/灰
16 Yellow/Brown	16 黃/棕
15 White/Yellow	15 白/黃
14 Brown/Green	14 棕/綠
13 White/Green	13 白/綠
12 Red/Blue	12 紅/藍
11 Gray/Pink	11 灰/粉
10 Violet	10 紫
9 Black	9 黑
8 Red	8 紅
7 Blue	7 藍
6 Pink	6 粉
5 Gray	5 灰
4 Yellow	4 黃
3 Green	3 綠
2 Brown	2 棕
1 White	1 白

Pin Assignments Front View

UNIT:mm TOLERANCE ±0.5mm	TITLE ACC, SEN, A Code, DB-ENDED MM		 安費諾亮泰企業股份有限公司	ITEM NO M12AXXML-12AML-SDXXX	DRAWN BY Vicky	DATE 2018-12-07	
	SCALE 1:2	SIZE A4		SHEET 2 OF 2	DWG NO M12AXXML-12AML-SDXXX	CHECKED BY Rita	DATE 2018-12-07
	REV. E	WC-REV. A.5		(CC): Inspection item	CUSTOMER ALTW	APPROVED BY Max	DATE 2018-12-07

1 2 3 4 5 6 7 8 W10814-03-0001A2