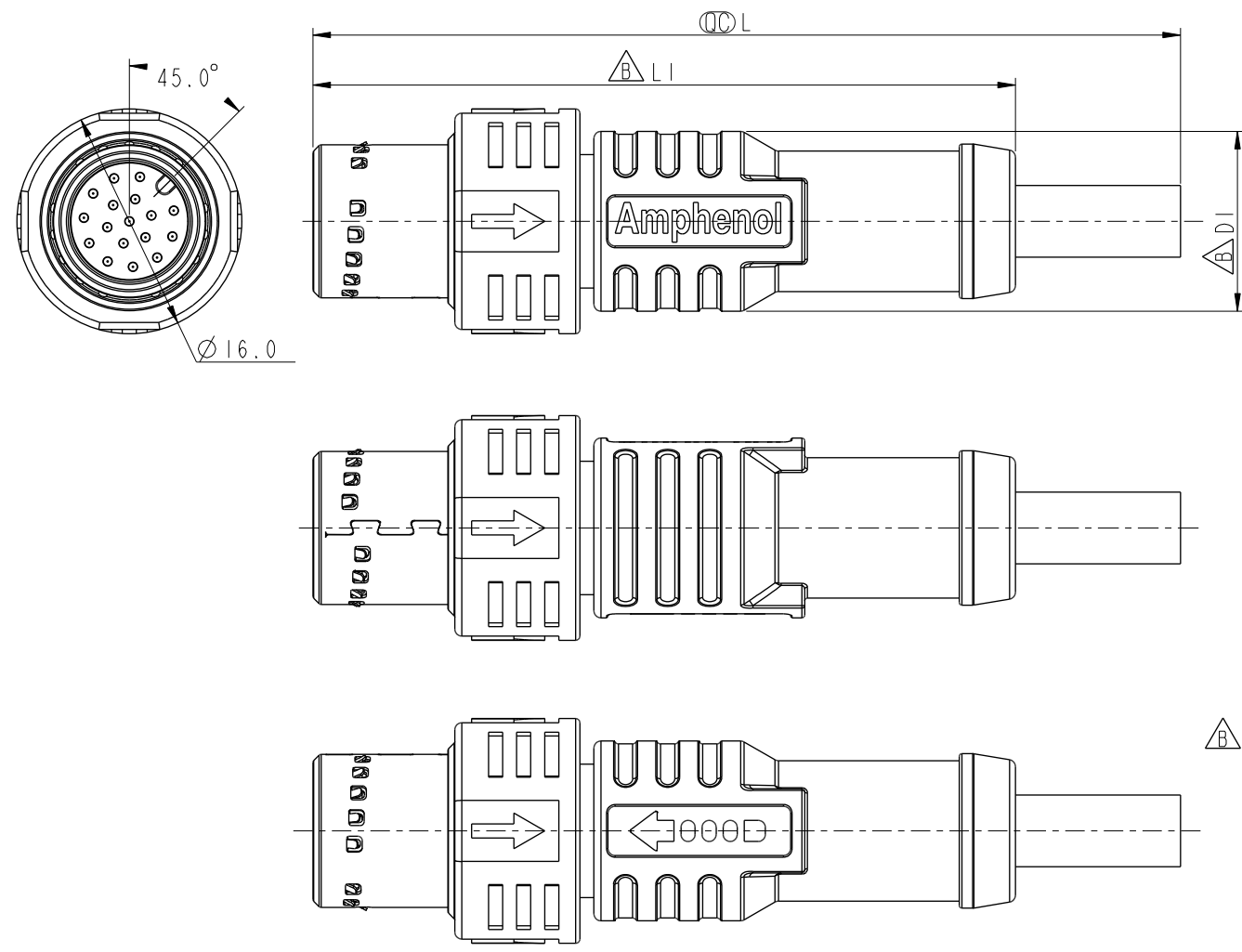


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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A		2020-09-10	Sam Ho	New Release
B	C210190	2021-01-13	Vincent Huang	$\triangle B$ X5



Notes:

Material Specification:

- * Housing: Thermoplastic, UL94V-0, Black.
- * Male Pin: Copper Alloy, Gold Plated.
- * Shell & Latch & Spring: Metal.
- * Outer Mold: Thermoplastic, Black.
- * Cable: PVC UL2517 Cable, Black.

Electrical Specification:

- * Contact Resistance: 10m Ω (Max.)
- * Insulation Resistance: 100M Ω (Min.)
- * Voltage Proof: 2~4 Pin 1.5KV
5 Pin 1.0KV
6~8 Pin 0.65KV
9~17 Pin 0.65KV
- * Rated Voltage: 2~4 Pin 250V D.C. or A.C.
5 Pin 60V D.C. or A.C.
6~17 Pin 30V D.C. or A.C.
- * Rated Current: 2~5 Pin 4.0A
6~8 Pin 2.0A
9~17 Pin 1.5A

Mechanical Specification:

- * Durability: 500 Cycles.

Environmental Specification:

- * Waterproof Rate: IP68(Mated, 1m/24hr).
- * Temperature Range: -20~+105°C

Cable Length Tolerance :

- 1M: +50/-0mm
- 2M~3M: +100/-0mm
- 4M~5M: +150/-0mm
- 6M~10M: \pm 100mm
- 11M~20M: \pm 200mm
- 21M~30M: \pm 300mm
- 31M~99M: \pm 500mm

UNIT: mm

TOLERANCE ± 0.50 mm

TITLE M12 A Code Push Pull Type Cable			
SCALE 2:1	SIZE A4	SHEET 1 OF 3	
REV. B	WC-REV.	\odot : Inspection item	

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO.	DRAWN BY Sam Ho	DATE 2020-09-10
DWG NO. M12A-XXBMMM-PL8DXX	CHECKED BY Fred Lee	DATE 2020-09-10
CUSTOMER ALTW	APPROVED BY Fred Lee	DATE 2020-09-10

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F			17P	PVC	7.0	26	M12A-17BMMM-PL8DXX	54.0	14.8
			12P		6.0		M12A-12BMMM-PL8DXX		
			10P				M12A-10BMMM-PL8DXX		
			8P		5.5	24	M12A-08BMMM-PL8DXX	50.0	12.8
			6P		5.0		M12A-06BMMM-PL8DXX		
			5P		5.1	22	M12A-05BMMM-PL8DXX		
			4P		4.8		M12A-04BMMM-PL8DXX		
			3P		4.1		M12A-03BMMM-PL8DXX		
			Contacts		Cable Jacket	Cable OD	AWG		

M12A- XX BMMM-PL8D XX

XX: No. Of Pin

XX: L=0-99Meters
 01: L=1Meters
 02: L=2Meters
 :
 99: L=99Meters

A	UNIT:mm		TITLE M12 A Code Push Pull Type Cable			ITEM NO		DRAWN BY Sam Ho	DATE 2020-09-10
	TOLERANCE ±0.50mm		SCALE 2:1	SIZE A4	SHEET 2 OF 3	DWG NO M12A-XXBMMM-PL8DXX		CHECKED BY Fred Lee	DATE 2020-09-10
			REV. B	WC-REV.	: Inspection item	CUSTOMER ALTW		APPROVED BY Fred Lee	DATE 2020-09-10
								8 W10814-03-001A2	

Amphenol LTW
 安費諾亮泰企業股份有限公司

1 2 3 4 5 6 7 8

F

E

D

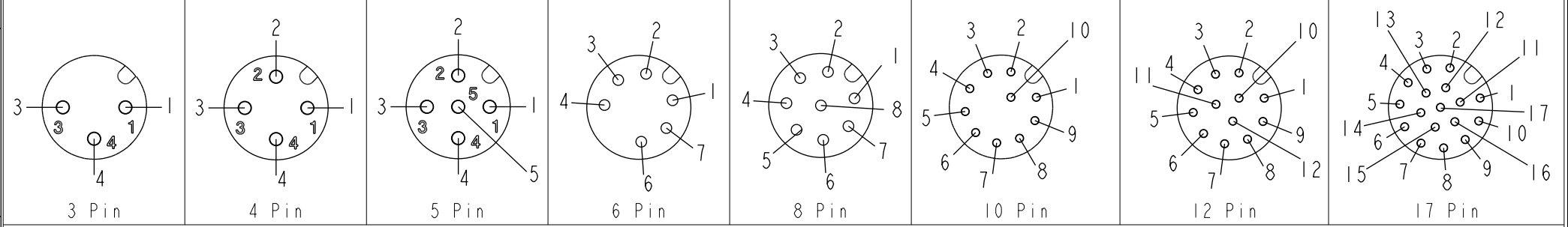
C

B

A

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

Pin Out



Pin Assignments Front View

UNIT:mm TOLERANCE ±0.50mm		TITLE		Amphenol LTW 安費諾亮泰企業股份有限公司	ITEM NO	DRAWN BY	DATE
		M12 A Code Push Pull Type Cable			DWG NO	Sam Ho	2020-09-10
		SCALE	SIZE		SHEET	OF	CHECKED BY
2:1	A4	3	3	M12A-XXBMMM-PL8XXX	Fred Lee	2020-09-10	
REV.	WC-REV.	Inspection item		CUSTOMER	APPROVED BY	DATE	
B				ALTW	Fred Lee	2020-09-10	