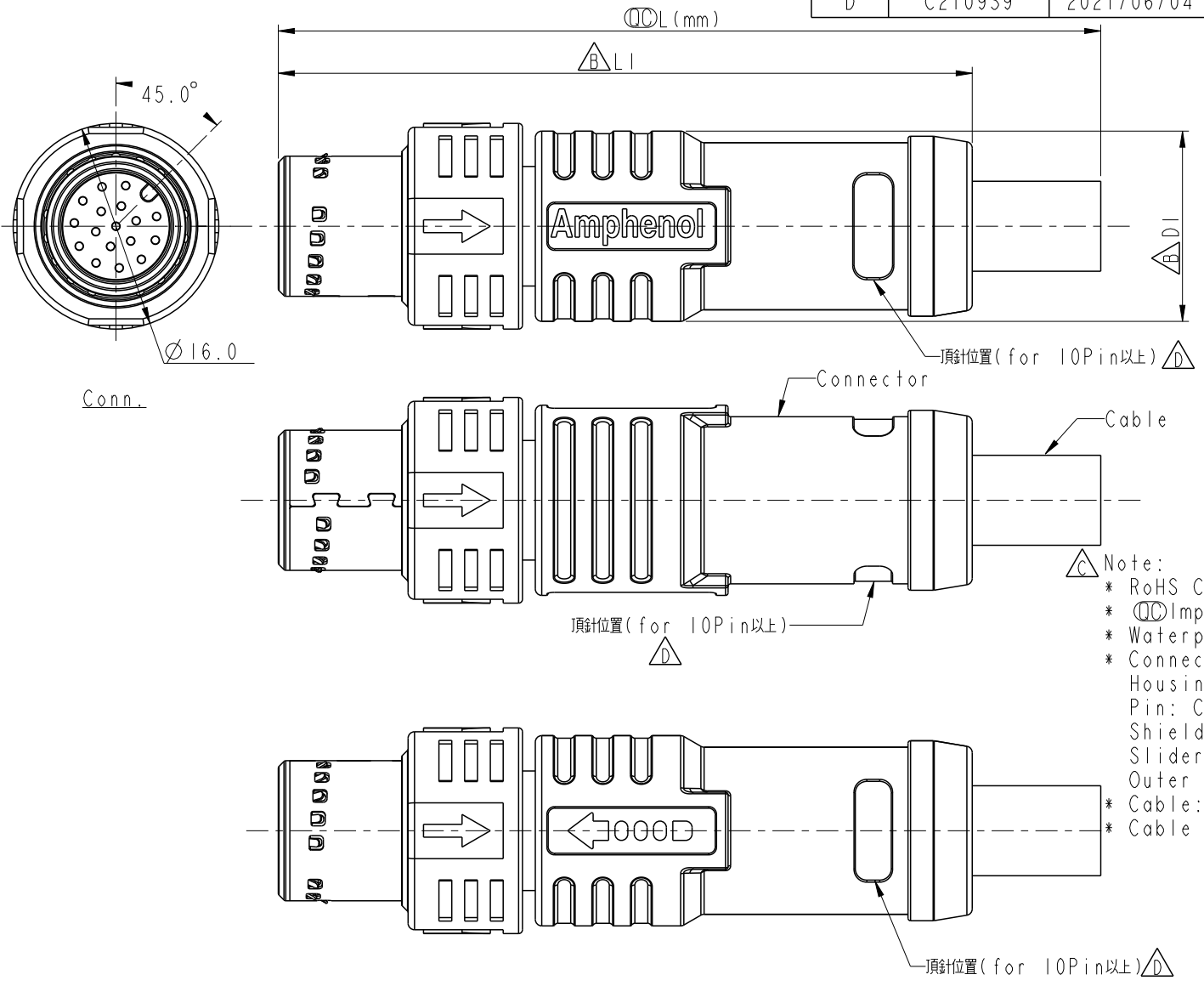


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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	C210190	2021/01/13	Vincent Huang	$\triangle B$ X5
C	C210429, 487	2021/03/29	Vicky	$\triangle C$ X4
D	C210939	2021/06/04	Cynthia	$\triangle D$ X3



Note:

- \* RoHS Compliant
- \*  $\odot$  Important dimension
- \* Waterproof rate: IPX8, mated 1m/24h
- \* Connector
  - Housing: Thermoplastic, Black
  - Pin: Copper alloy, Gold plated
  - Shield: Metal
  - Slider: Thermoplastic, Black
  - Outer mold: Thermoplastic, Black
- \* Cable: UL2517, PVC Jacket, Black
- \* Cable length tolerance: 1M: +50/-0 mm
  - 1M < L ≤ 3M: +100/-0 mm
  - 3M < L ≤ 5M: +150/-0 mm
  - 5M < L ≤ 10M: ±100 mm
  - 10M < L ≤ 20M: ±200 mm
  - 20M < L ≤ 30M: ±300 mm
  - 30M < L ≤ 99M: ±500 mm

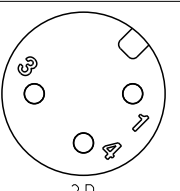
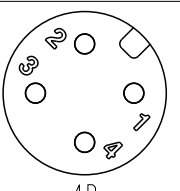
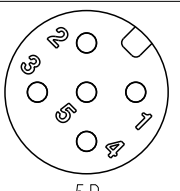
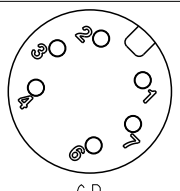
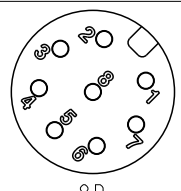
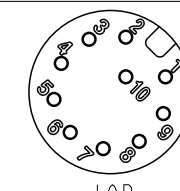
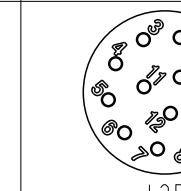
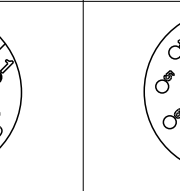
UNIT: mm	$\odot$	$\nabla$	TITLE N SEN, M12 A, PUSH PULL CABLE W/O SR, M, M, MOLDING
TOLERANCE ±0.5mm	SCALE 2:1	SIZE A4	SHEET 1 OF 2
REV. D	WC-REV.	$\odot$ : Inspection item	

**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-XXBMM-PL8DXX	CHECKED BY Fred Lee	DATE 2020-09-10
CUSTOMER ALTW	APPROVED BY Fred Lee	DATE 2020-09-10

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F	M12A-XXBMMM-PL8DXX XX: No. Of Pin					17P	7.0	26	M12A-17BMMM-PL8DXX	54.0	14.8
						12P	6.0		M12A-12BMMM-PL8DXX		
					10P		M12A-10BMMM-PL8DXX				
E						8P	5.5	24	M12A-08BMMM-PL8DXX	50.0	12.8
						6P	5.0		M12A-06BMMM-PL8DXX		
						5P	5.1	M12A-05BMMM-PL8DXX			
						4P	4.8	M12A-04BMMM-PL8DXX			
						3P	4.1	M12A-03BMMM-PL8DXX			
					XX: 01~99Meters 01: 01Meter 02: 02Meters : 99: 99Meters						
					△C	Contacts	Cable OD	AWG	Item No.	△B LI	△B DI

	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	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
	Conn.									

Pin Assignments Front View

UNIT:mm		TITLE N SEN, M12 A, PUSH PULL CABLE W/O SR, M, M, MOLDING		ITEM NO	DRAWN BY Sam Ho	DATE 2020-09-10	
TOLERANCE ±0.5mm		SCALE 2:1	SIZE A4	SHEET 2 OF 2	DWG NO M12A-XXBMMM-PL8DXX	CHECKED BY Fred Lee	DATE 2020-09-10
		REV. D	WC-REV.	◎◎: Inspection item	CUSTOMER ALTW	APPROVED BY Fred Lee	DATE 2020-09-10

# Amphenol LTW

## 安費諾亮泰企業股份有限公司