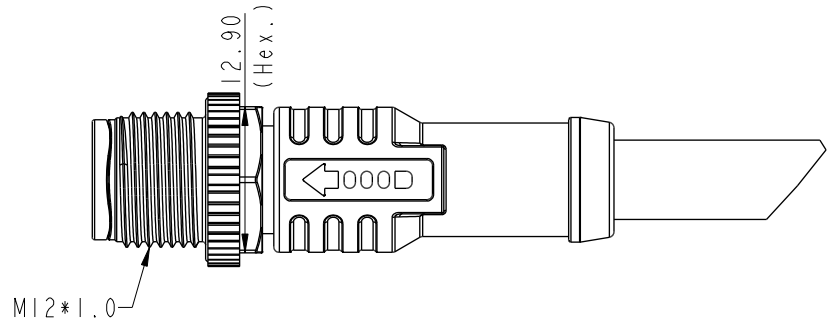
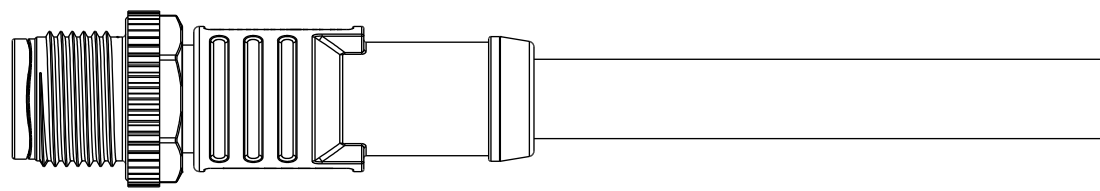
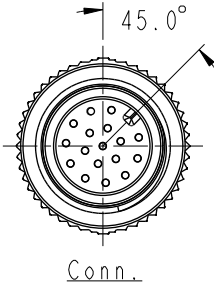
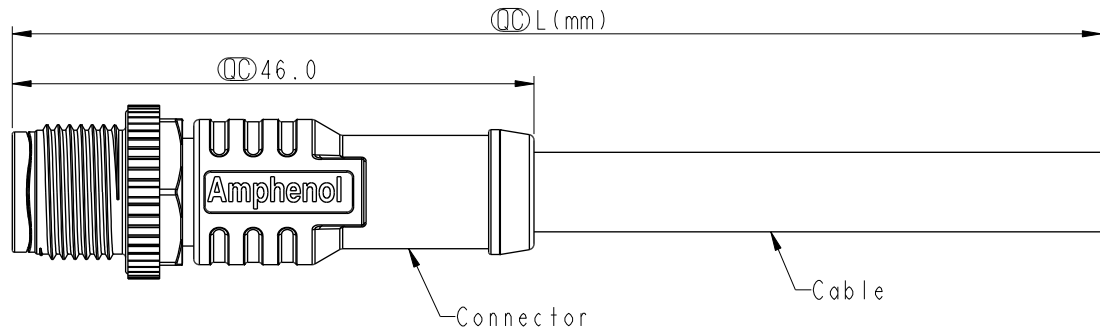


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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
D	LEN1750130~35	2017/04/06	Lingpeng	Change The Cable OD
E	C201647	2020/10/28	Vicky	△X5
F	C210224	2021/03/22	Vicky	△X3



Note:
 * RoHS Compliant
 * \varnothing Important dimension
 * Waterproof rate: IPX8, mated 1m/24h
 IPX9K, mated

* Connector
 Housing: Thermoplastic, Black
 Pin: Copper alloy, Gold plated
 * Nut: Thermoplastic, Black
 Outer mold: Thermoplastic, Black
 * Cable: UL20549, PUR 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

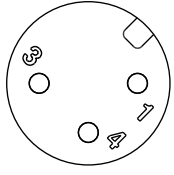
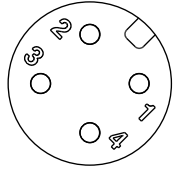
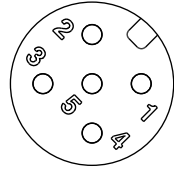
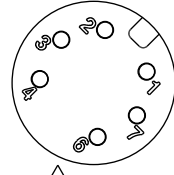
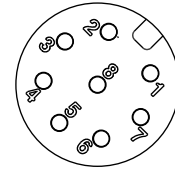
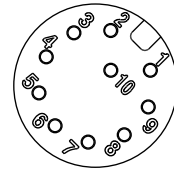
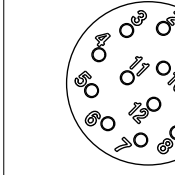
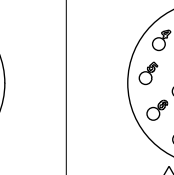
UNIT: mm			TITLE N SEN, M12 A -PLASTIC, SCREW CABLE W/O SR, M, M, MOLDING
TOLERANCE ±0.5mm	SCALE 3:2	SIZE A4	SHEET 1 OF 2
REV. F	WC-REV. A.3	\varnothing : Inspection item	

Amphenol LTW
 安費諾亮泰企業股份有限公司

ITEM NO.	DRAWN BY Lingpeng	DATE 2017-04-06
DWG NO. MSAP-XXBMMM-SL8BXX	CHECKED BY Ma Fei	DATE 2017-04-06
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2017-04-06

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△ MSAP-XXBMMM-SL8BXX	XX: No. Of Pin		XX: 01~99Meters 01: 01Meter 02: 02Meters : 99: 99Meters				
△ E	17P	7.0	26	MSAP-17BMMM-SL8BXX			
	12P	6.0		MSAP-12BMMM-SL8BXX			
	10P			MSAP-10BMMM-SL8BXX			
△ D	8P	4.8	24	MSAP-08BMMM-SL8BXX			
△ C	6P	5.0		MSAP-06BMMM-SL8BXX			
	5P	4.4	22	MSAP-05BMMM-SL8BXX			
△ D	4P	4.0		MSAP-04BMMM-SL8BXX			
	3P	3.8		MSAP-03BMMM-SL8BXX			
	Contacts	Cable OD	AWG	Item No.			

	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
	Conn.								

Pin Assignments Front View

UNIT:mm		TITLE N SEN, M12 A -PLASTIC, SCREW CABLE W/O SR, M, M, MOLDING	△ E	Amphenol LTW	ITEM NO	DRAWN BY Lingpeng	DATE 2017-04-06
TOLERANCE ±0.5mm		SCALE 3:2	SIZE A4	SHEET 2 OF 2	DWG NO △ MSAP-XXBMMM-SL8BXX	CHECKED BY Ma Fei	DATE 2017-04-06
		REV. F	WC-REV. A.3	QC: Inspection item	CUSTOMER ALTW	APPROVED BY Jerry	DATE 2017-04-06