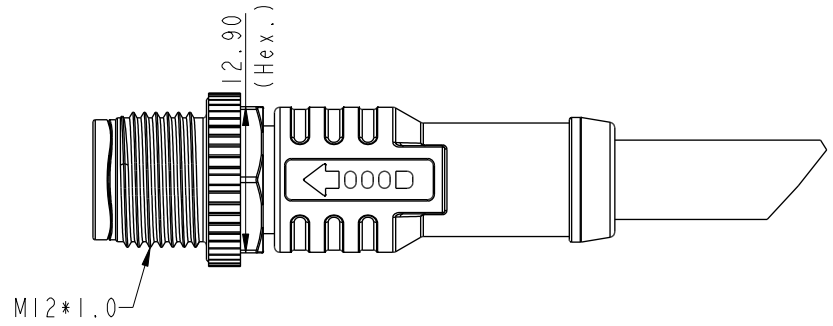
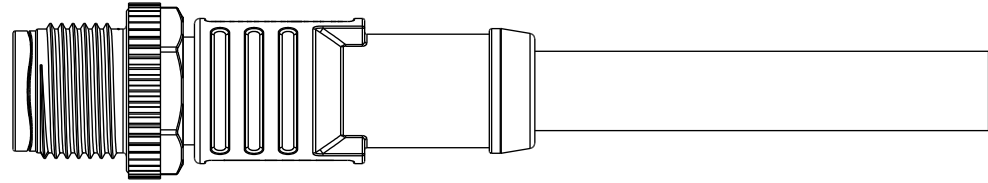
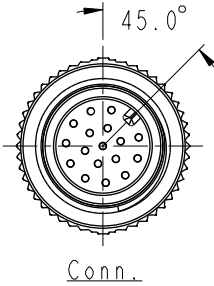
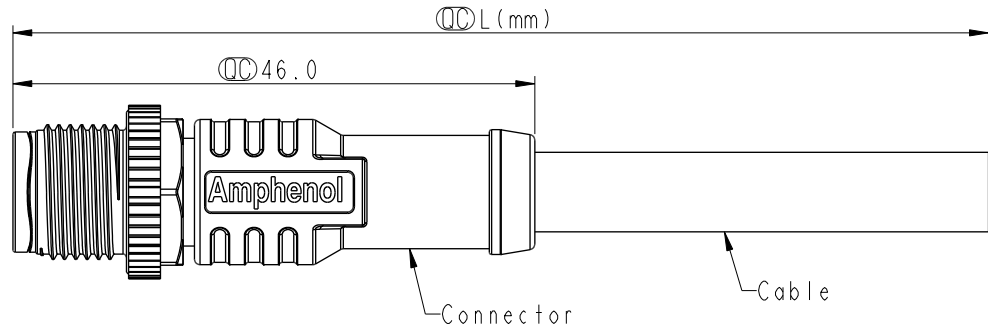


THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

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: UL2517, PVC Jacket, Yellow
- \* 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		
TOLERANCE		
±0.5mm		

TITLE N SEN, M12 A -PLASTIC, SCREW CABLE W/O SR, M, M, MOLDING			△F
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-SL8AXX	CHECKED BY Ma Fei	DATE 2017-04-06
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2017-04-06

THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

F	<b>MSAP-XXBMMM-SL8AXX</b> XX: No. Of Pin					E	17P	7.0	26	MSAP-17BMMM-SL8AXX
								6.0		MSAP-12BMMM-SL8AXX
						5.5	24	MSAP-10BMMM-SL8AXX		
						5.0		MSAP-08BMMM-SL8AXX		
						5.1	22	MSAP-06BMMM-SL8AXX		
						4.8		MSAP-05BMMM-SL8AXX		
						4.5		MSAP-04BMMM-SL8AXX		
						4.5		MSAP-03BMMM-SL8AXX		
						Contacts	Cable OD	AWG	Item No.	

XX: 01~99Meters  
 01: 01Meter  
 02: 02Meters  
 :  
 99: 99Meters

	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		TOLERANCE ±0.5mm	TITLE N SEN, M12 A -PLASTIC, SCREW CABLE W/O SR, M, M, MOLDING	Amphenol LTW	ITEM NO	DRAWN BY Lingpeng	DATE 2017-04-06
SCALE: 3:2    SIZE: A4    SHEET: 2 OF 2 REV: F    WC-REV: A.3    (CC): Inspection item				安費諾亮泰企業股份有限公司	DWG NO MSAP-XXBMMM-SL8AXX	CHECKED BY Ma Fei	DATE 2017-04-06
					CUSTOMER ALTW	APPROVED BY Jerry	DATE 2017-04-06