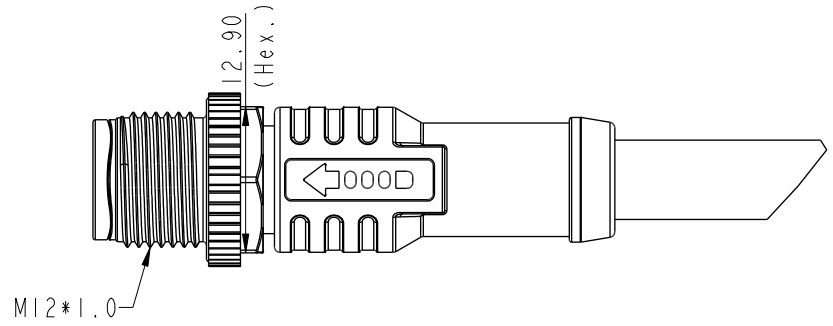
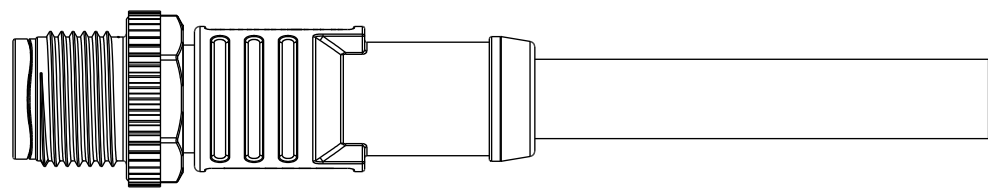
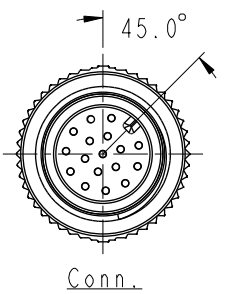
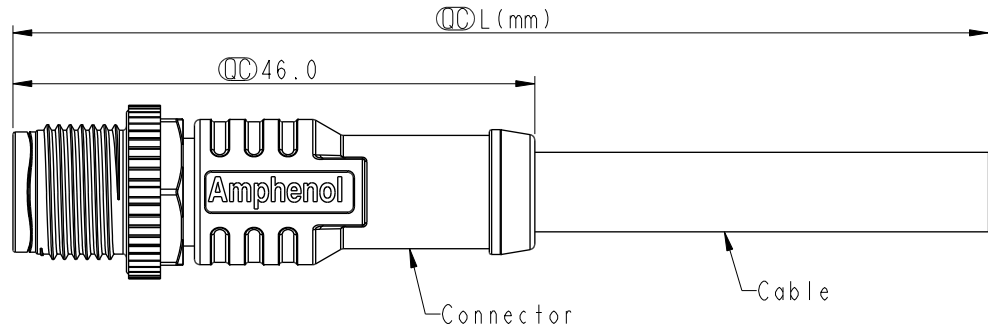


THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

REV.	ECN NO.	DATE	SIGN	DESCRIPTION
E	C201647	2020/10/28	Vicky	△E X5
F	C210224	2021/03/22	Vicky	△F X3
G	C230008	2023/01/04	Vicky	△G X1



△E△F Note:  
 \* RoHS Compliant  
 \* ⌀ Important dimension  
 △C△G \* Waterproof rate: IP68, mated 1m/24h  
 IP69K, mated

- \* Connector  
 Housing: Thermoplastic, Black  
 Pin: Copper alloy, Gold plated
- △B 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	

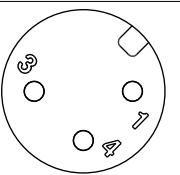
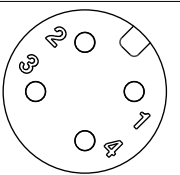
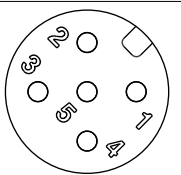
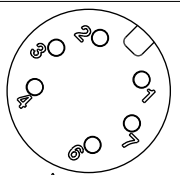
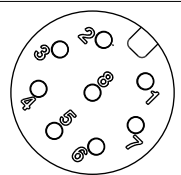
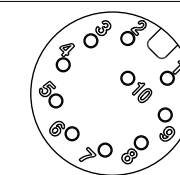
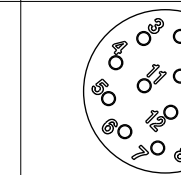
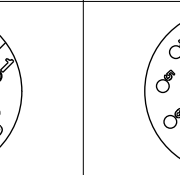
TITLE N SEN, M12 A -PLASTIC, SCREW CABLE W/O SR, M, M, MOLDING			△E
SCALE 3:2	SIZE A4	SHEET 1 OF 2	
REV. G	WC-REV. A.3	⌀ Inspection item	

**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. △E 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	△E	MSAP-XXBMMM-SL8AXX					
		XX: No. Of Pin		XX: 01~99Meters 01: 01Meter 02: 02Meters : 99: 99Meters			
E	△E	17P	7.0	26	MSAP-17BMMM-SL8AXX		
		12P	6.0		MSAP-12BMMM-SL8AXX		
		10P			MSAP-10BMMM-SL8AXX		
		8P	5.5	24	MSAP-08BMMM-SL8AXX		
	△C	6P	5.0		MSAP-06BMMM-SL8AXX		
		5P	5.1	22	MSAP-05BMMM-SL8AXX		
		4P	4.8		MSAP-04BMMM-SL8AXX		
		3P	4.5		MSAP-03BMMM-SL8AXX		
		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			ITEM NO	DRAWN BY Lingpeng	DATE 2017-04-06
TOLERANCE ±0.5mm		SCALE 3:2	SIZE A4	SHEET 2 OF 2	DWG NO △E MSAP-XXBMMM-SL8AXX	CHECKED BY Ma Fei	DATE 2017-04-06
		REV. G	WC-REV. A.3	QC: Inspection item	CUSTOMER ALTW	APPROVED BY Jerry	DATE 2017-04-06

Amphenol LTW

安費諾亮泰企業股份有限公司