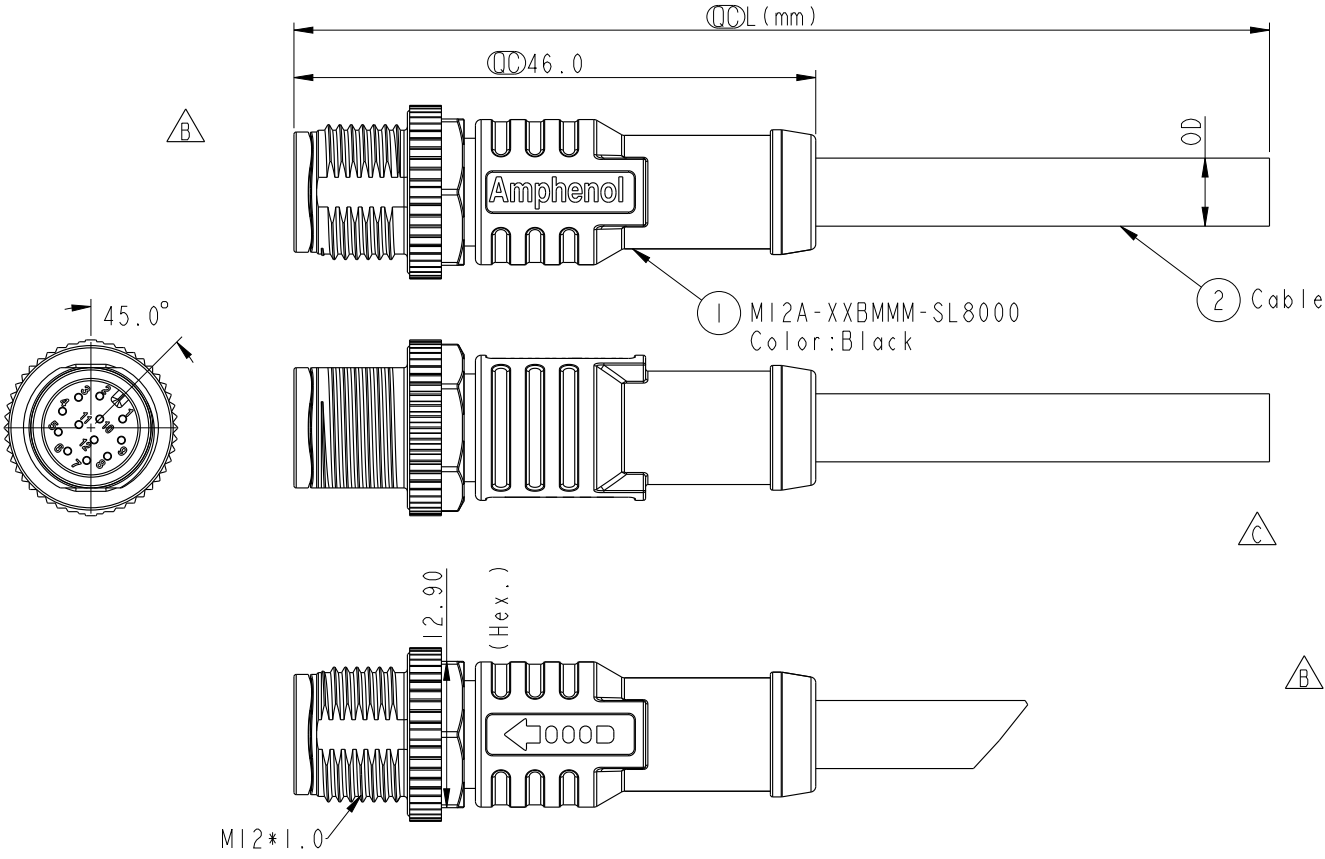


REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	LEN1580154-165	2015/08/10	Feng_Li	Add Black PVC Cable
C	LEN1680979-996 LEN1681012-015	2016/08/13	Yulong-wang	Add 6Pin & IP69K.
D	LEN1750103-09	2017/04/06	Lingpeng	Change The Cable OD



ALTW
CONFIDENTIAL
2017-04-06
R&D DEPT.

ALTW
DCC. DEPT.
CONFIDENTIAL
2017.05.15
ISSUED

- Notes:
- * \varnothing Important Dimension.
 - * Waterproof Rate: IP68., IP69K.
 - * Connector: PU+GF, Black.
 - * Male Pin: Copper Alloy, Gold Plated.
 - * Screw Nut: Zinc Alloy, Nickel Plated.
 - * Outer Mold: PU, Black.
 - * Cable: (A) UL2517, PVC Jacket, Yellow.
(B) UL20549, PUR Jacket, Black.
(D) UL2517, PVC Jacket, Black.
 - * Rated Voltage: 3 & 4Pin 250V dc. or ac.
5Pin 60V dc. or ac.
6~12Pin 30V dc. or ac.
 - * Rated Current: 3~5Pin 4A
6~8Pin 2A
10~12Pin 1.5A
 - * Operating Temperature: -25~85°C
 - * Cable Length Tolerance: 01M:±40mm
02M~05M:±60mm
06M~10M:±100mm
11M~30M:±200mm
31M~99M:±500mm

UNIT: mm
TOLERANCE
±0.5mm

TITLE M12 A Type Cable Male Conn.			
SCALE 3:2	SIZE A4	SHEET 1 OF 3	
REV. D	WC-REV. A.3	\varnothing : Inspection item	

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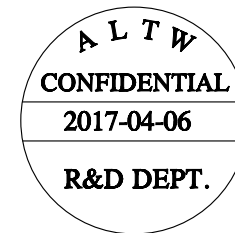
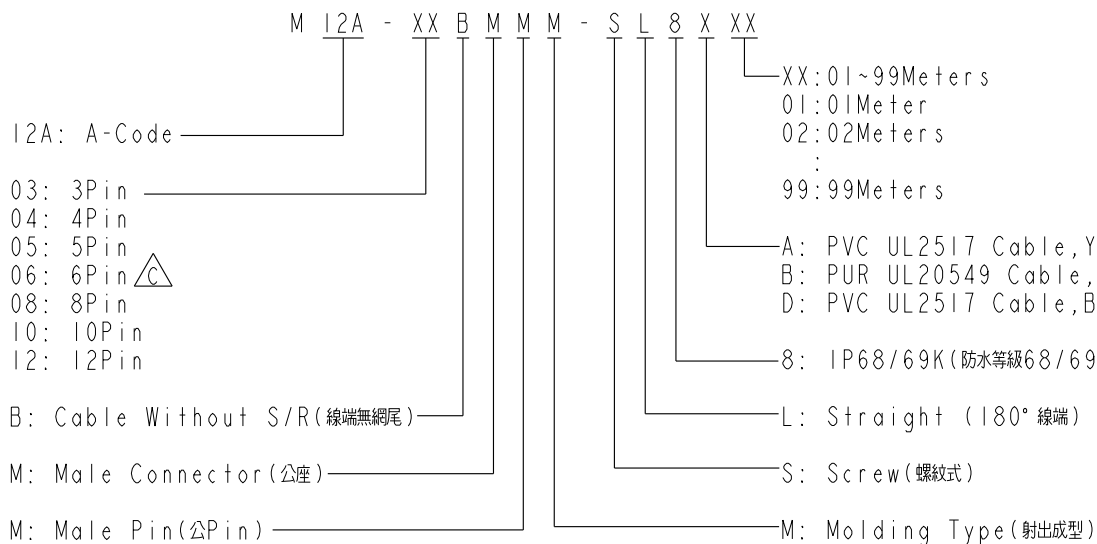
ITEM NO	DRAWN BY Lingpeng	DATE 2017-04-06
DWG NO M12A-XXBMMM-SL8XXX	CHECKED BY Ma Fei	DATE 2017-04-06
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2017-04-06

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F
E
D
C
B
A



Contacts	Cable Jacket	Cable OD	AWG	Item No.		
△B	PVC	12P	6.0	26	M12A-12BMMM-SL8DXX	
		10P			M12A-10BMMM-SL8DXX	
△C		8P	5.5	24	M12A-08BMMM-SL8DXX	
		6P			M12A-06BMMM-SL8DXX	
△D		5P	5.1	22	M12A-05BMMM-SL8DXX	
		4P			M12A-04BMMM-SL8DXX	
		3P			M12A-03BMMM-SL8DXX	
△D		PUR	12P	6.0	26	M12A-12BMMM-SL8BXX
			10P			M12A-10BMMM-SL8BXX
			△C	8P	4.8	24
6P	M12A-06BMMM-SL8BXX					
△D	5P		4.4	22	M12A-05BMMM-SL8BXX	
	4P				M12A-04BMMM-SL8BXX	
	3P				M12A-03BMMM-SL8BXX	
△C	PVC		12P	6.0	26	M12A-12BMMM-SL8AXX
			10P			M12A-10BMMM-SL8AXX
			8P	5.5	24	M12A-08BMMM-SL8AXX
		6P				M12A-06BMMM-SL8AXX
		5P	5.1	22	M12A-05BMMM-SL8AXX	
4P					M12A-04BMMM-SL8AXX	
3P					M12A-03BMMM-SL8AXX	



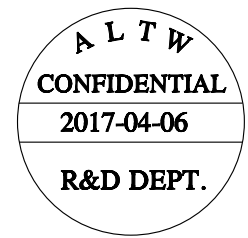
UNIT:mm		TITLE
TOLERANCE	±0.5mm	M12 A Type Cable Male Conn.
SCALE	3:2	SIZE A4
REV.	D	WC-REV. A.3
		SHEET 2 OF 3
		QC: Inspection item

Amphenol LTW
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ITEM NO	DWG NO	CUSTOMER	DRAWN BY	CHECKED BY	APPROVED BY	DATE
	M12A-XXBMMM-SL8XXX	ALTW	Lingpeng	Ma Fei	Jerry	2017-04-06

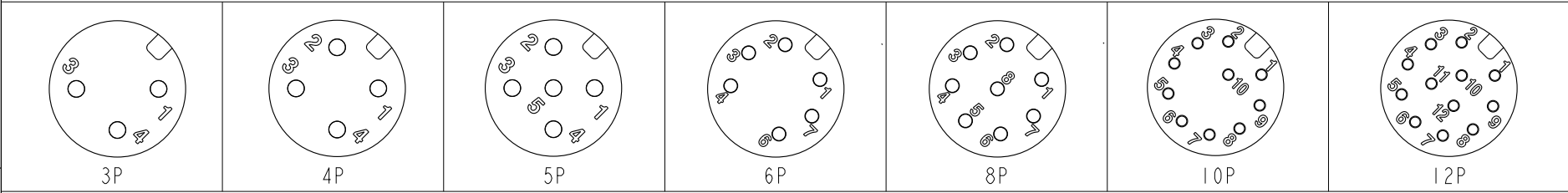
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5	--		5	--		5	Gray	灰	5	--		12	--		12	Red/Blue	紅/藍
4	Black	黑	4	Black	黑	4	Black	黑	4	Black	黑	11	--		11	Gray/Pink	灰/粉
3	Blue	藍	3	Blue	藍	3	Blue	藍	3	Blue	藍	10	Violet	紫	10	Violet	紫
2	--		2	White	白	2	White	白	2	White	白	9	Black	黑	9	Black	黑
1	Brown	棕	1	Brown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

Pin Out



Pin Assignments Front View

UNIT:mm TOLERANCE ±0.5mm		TITLE M12 A Type Cable Male Conn.			<h1>Amphenol LTW</h1> 安費諾亮泰企業股份有限公司	ITEM NO	DRAWN BY	DATE
		SCALE 3:2	SIZE A4	SHEET 3 OF 3		DWG NO M12A-XXBMMM-SL8XXX	CHECKED BY Ma Fei	DATE 2017-04-06
		REV. D	WC-REV. A.3	☉: Inspection item		CUSTOMER ALTW	APPROVED BY Jerry	DATE 2017-04-06