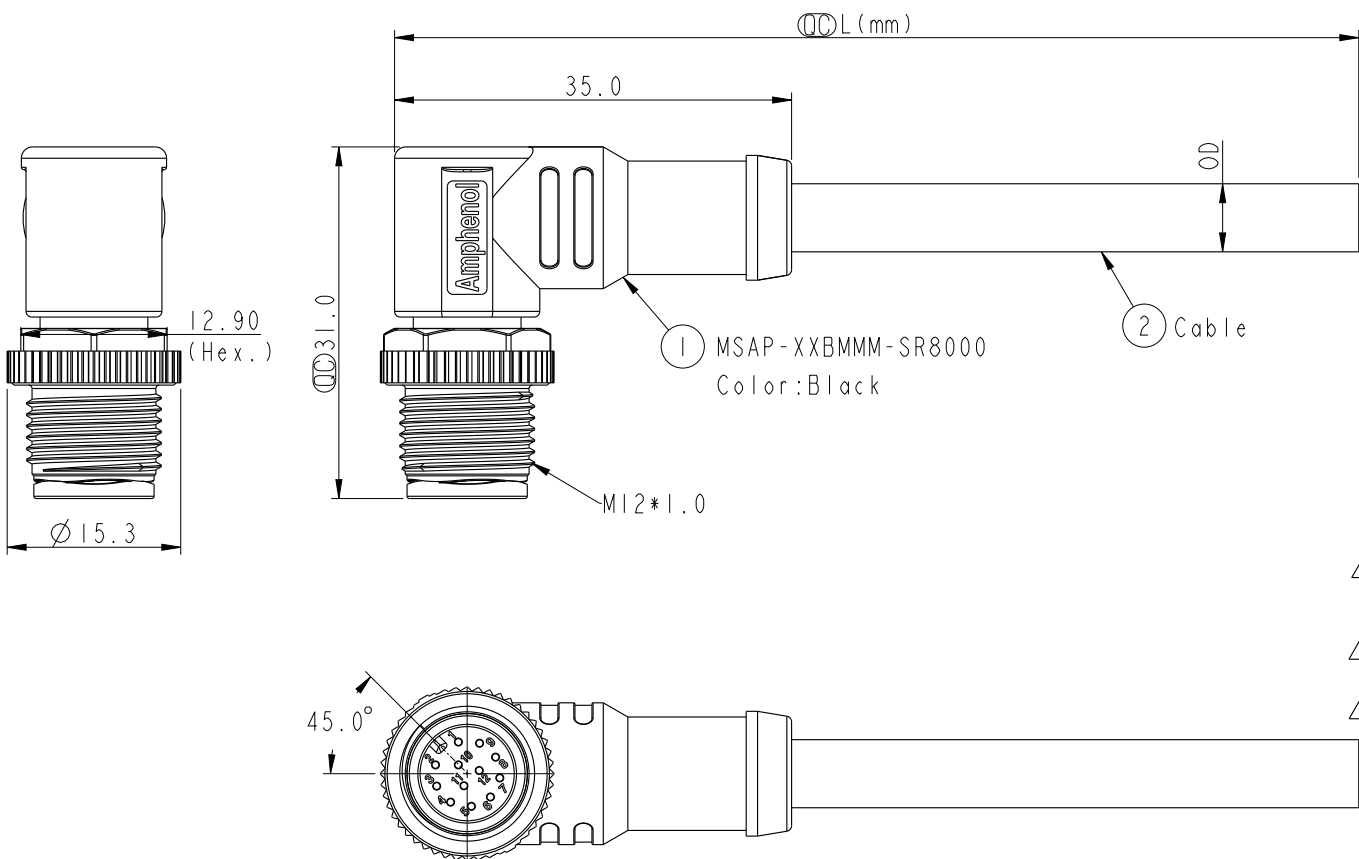


1		2		3		4		5		6		7		8	
								REV.	ECN NO.	DATE	SIGN	DESCRIPTION			
								B	LEN1580235~246	2015/08/10	Feng_Li	Add Black PVC Cable			
								C	LEN1680704~721	2016/08/13	Yulong_wang	Add 6Pin & IP69K.			
								D	LEN1750136~39	2017/04/06	Lingpeng	Change The Cable OD			



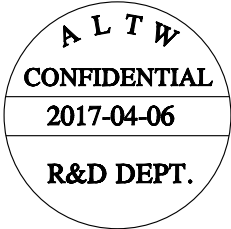
- Notes:
- * $\varnothing$ Important Dimension.
 - * Waterproof Rate: IP68, IP69K.
 - * Connector: PU+GF,Black.
 - * Male Pin: Copper Alloy, Gold Plated.
 - * Screw Nut:Nylon,Black..
 - * Outer Mold: PU,Black.
 - * Cable: (A) UL2517,PVC Jacket,Yellow.
(B) UL20549,PUR Jacket,Black.
(D) UL2517,PVC Jacket,Black.
 - * 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

UNIT:mm		TOLERANCE		TITLE		ITEM NO		DRAWN BY		DATE	
±0.5mm		3:2		M12 A Type 90° Male Conn.		MSAP-XXBMMM-SR8XXX		Lingpeng		2017-04-06	
REV. D		SIZE A4		SHEET 1 OF 3		CUSTOMER ALTW		CHECKED BY Ma Fei		DATE 2017-04-06	
WC-REV. A.1				QC:Inspection item				APPROVED BY Jerry		DATE 2017-04-06	

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F
E
D
C
B
A



M SAP - XX B M M M - S R 8 X XX

SAP: A-Code Plastic Nut

03: 3Pin
04: 4Pin
05: 5Pin
06: 6Pin
08: 8Pin
10: 10Pin
12: 12Pin

B: Cable Without S/R (線端無網尾)

M: Male Connector (公座)

M: Male Pin (公Pin)

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

A: PVC UL2517 Cable, Yellow (PVC黃色外被線材)
B: PUR UL20549 Cable, Black (PUR黑色外被線材)
D: PVC UL2517 Cable, Black (PVC黑色外被線材)

8: IP68/69K (防水等級68/69K)

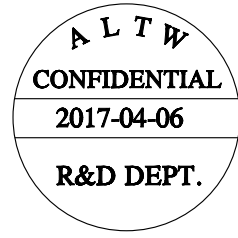
R: Right (90° 線端)

S: Screw (螺紋式)

M: Molding Type (射出成型)

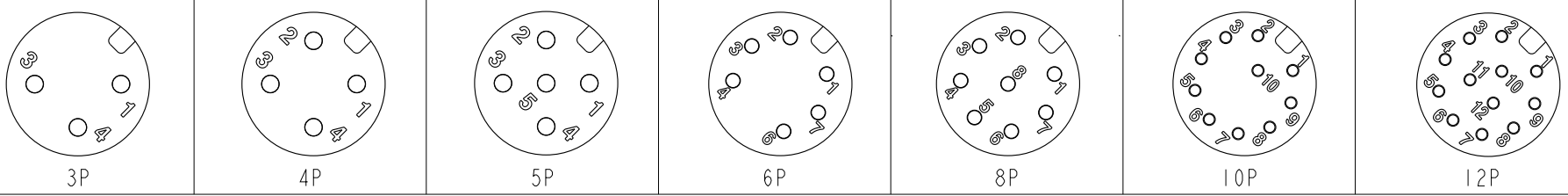
6		7		8	
	12P	PVC	6.0	26	MSAP-12BMMM-SR8DXX
	10P				MSAP-10BMMM-SR8DXX
	8P		5.5	24	MSAP-08BMMM-SR8DXX
	6P		5.0		MSAP-06BMMM-SR8DXX
	5P		5.1		MSAP-05BMMM-SR8DXX
	4P	PUR	4.8	22	MSAP-04BMMM-SR8DXX
	3P		4.5		MSAP-03BMMM-SR8DXX
	12P		6.0	26	MSAP-12BMMM-SR8BXX
	10P				MSAP-10BMMM-SR8BXX
	8P		4.8	24	MSAP-08BMMM-SR8BXX
	6P	PVC	5.0		MSAP-06BMMM-SR8BXX
	5P		4.4		MSAP-05BMMM-SR8BXX
	4P		4.0	22	MSAP-04BMMM-SR8BXX
	3P		3.8		MSAP-03BMMM-SR8BXX
	12P	PUR	6.0	26	MSAP-12BMMM-SR8AXX
	10P				MSAP-10BMMM-SR8AXX
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	5P		5.1		MSAP-05BMMM-SR8AXX
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	3P		4.5		MSAP-03BMMM-SR8AXX
	12P		6.0	26	MSAP-12BMMM-SR8DXX
	10P				MSAP-10BMMM-SR8DXX
	8P		5.5	24	MSAP-08BMMM-SR8DXX
	6P	PUR	5.0		MSAP-06BMMM-SR8DXX
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	10P				MSAP-10BMMM-SR8DXX
	8P		5.5	24	MSAP-08BMMM-SR8DXX</

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5 --	5 --	5 Gray	8 --	8 Red	12 --	12 Red/Blue
4 Black	4 Black	4 Black	7 Blue	7 Blue	11 --	11 Gray/Pink
3 Blue	3 Blue	3 Blue	6 Pink	6 Pink	10 Violet	10 Violet
2 --	2 White	2 White	5 --	5 Gray	9 Black	9 Black
1 Brown	1 Brown	1 Brown	4 Yellow	4 Yellow	8 Red	8 Red
			3 Green	3 Green	7 Blue	7 Blue
			2 Brown	2 Brown	6 Pink	6 Pink
			1 White	1 White	5 Gray	5 Gray
					4 Yellow	4 Yellow
					3 Green	3 Green
					2 Brown	2 Brown
					1 White	1 White
Pin #	Wire	Wire	Wire	Wire	Wire	Wire

Pin Out



Pin Assignments Front View

UNIT:mm		TITLE M12 A Type 90° Male Conn.			ITEM NO	DRAWN BY Lingpeng	DATE 2017-04-06
TOLERANCE ±0.5mm		SCALE 3:2	SIZE A4	SHEET 3 OF 3	DWG NO MSAP-xxBMM-SR8XXX	CHECKED BY Ma Fei	DATE 2017-04-06
		REV. D	WC-REV. A.1	QC: Inspection item	CUSTOMER ALTW	APPROVED BY Jerry	DATE 2017-04-06

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