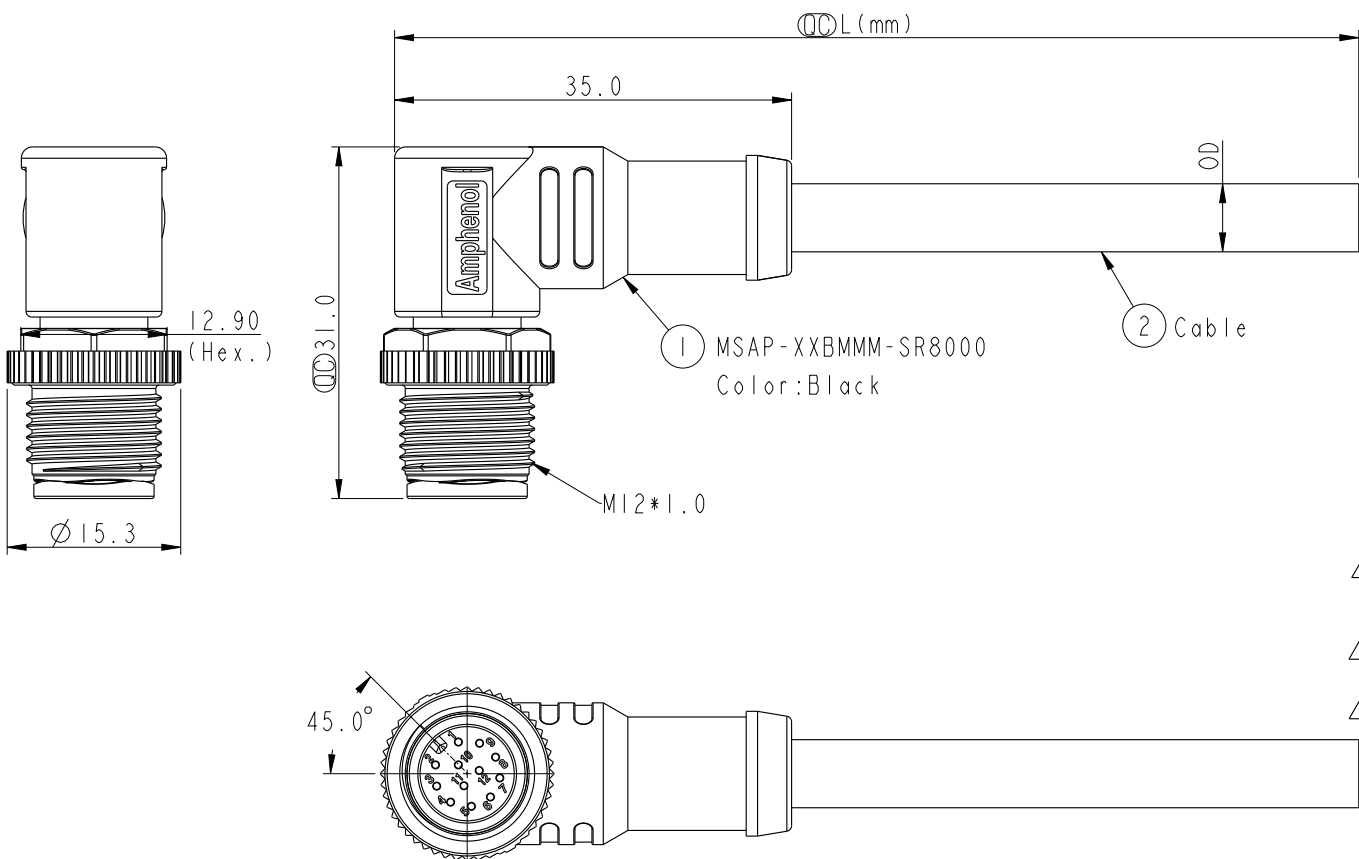




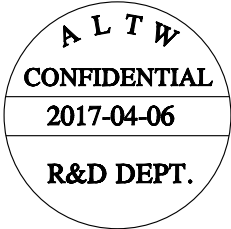
- Notes:
- * $\varnothing$ Important Dimension.
 - * Waterproof Rate: IP68, IP69K.
 - * Connector: PU+GF,Black.
 - * Male Pin: Copper Alloy, Gold Plated.
 - * Screw Nut:Nylon,Black..
 - * Outer Mold: PU,Black.
 - * Cable: (A) UL2517,PVC Jacket,Yellow.
(B) UL20549,PUR Jacket,Black.
(D) UL2517,PVC Jacket,Black.
 - * 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		CHECKED BY Ma Fei		DATE 2017-04-06	
WC-REV. A.1		QC:Inspection item				ALTW		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				MSAP-06BMMM-SR8DXX	
	5P		5.1	22	MSAP-05BMMM-SR8DXX	
	4P				MSAP-04BMMM-SR8DXX	
	3P				MSAP-03BMMM-SR8DXX	
	12P		6.0	26	MSAP-12BMMM-SR8BXX	
	10P				MSAP-10BMMM-SR8BXX	
	8P		4.8	24	MSAP-08BMMM-SR8BXX	
	6P	MSAP-06BMMM-SR8BXX				
	5P	4.4	22	MSAP-05BMMM-SR8BXX		
	4P			MSAP-04BMMM-SR8BXX		
	3P			MSAP-03BMMM-SR8BXX		
	12P	6.0	26	MSAP-12BMMM-SR8AXX		
	10P			MSAP-10BMMM-SR8AXX		
	8P	5.5	24	MSAP-08BMMM-SR8AXX		
	6P			MSAP-06BMMM-SR8AXX		
	5P			MSAP-05BMMM-SR8AXX		
	4P	4.8	22	MSAP-04BMMM-SR8AXX		
	3P			MSAP-03BMMM-SR8AXX		
	Contacts			Cable Jacket	Cable OD	AWG

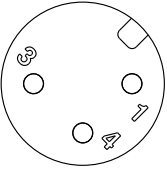
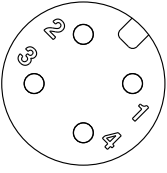
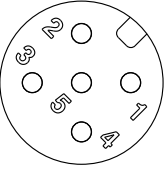
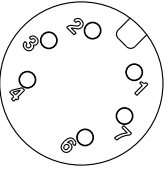
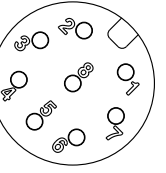
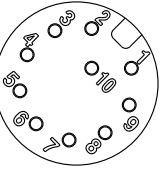
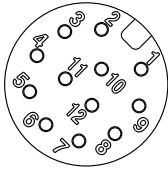


UNIT:mm				TITLE	
TOLERANCE				M12 A Type 90° Male Conn.	
±0.5mm		SCALE	3:2	SIZE	A4
		REV.	D	WC-REV.	A.1
		SHEET		2	OF 3
		QC: Inspection item			

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ITEM NO		DRAWN BY		DATE	
		Lingpeng		2017-04-06	
DWG NO		CHECKED BY		DATE	
MSAP-XXBMMM-SR8XXX		Ma Fei		2017-04-06	
CUSTOMER		APPROVED BY		DATE	
ALTW		Jerry		2017-04-06	

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	1	2	3	4	5	6	7	8
F								
E								
D	ALTW DCC. DEPT. CONFIDENTIAL 2017.05.15 ISSUED ALTW CONFIDENTIAL 2017-04-06 R&D DEPT. △							
C	5-- 4Black黑 3Blue藍 2-- 1Brown棕 5-- 4Black黑 3Blue藍 2White白 1Brown棕 5Gray灰 4Black黑 3Blue藍 2White白 1Brown棕	5-- 4Black黑 3Blue藍 2White白 1Brown棕 5-- 4Black黑 3Blue藍 2White白 1Brown棕 5Gray灰 4Black黑 3Blue藍 2White白 1Brown棕	5-- 4Black黑 3Blue藍 2White白 1Brown棕 5-- 4Black黑 3Blue藍 2White白 1Brown棕 5Gray灰 4Black黑 3Blue藍 2White白 1Brown棕	8-- 7Blue藍 6Pink粉 5-- 4Yellow黃 3Green綠 2Brown棕 1White白 8-- 7Blue藍 6Pink粉 5-- 4Yellow黃 3Green綠 2Brown棕 1White白 8Red紅 7Blue藍 6Pink粉 5Gray灰 4Yellow黃 3Green綠 2Brown棕 1White白	8-- 7Blue藍 6Pink粉 5-- 4Yellow黃 3Green綠 2Brown棕 1White白 8-- 7Blue藍 6Pink粉 5-- 4Yellow黃 3Green綠 2Brown棕 1White白 8Red紅 7Blue藍 6Pink粉 5Gray灰 4Yellow黃 3Green綠 2Brown棕 1White白	12-- 11-- 10Violet紫 9Black黑 8Red紅 7Blue藍 6Pink粉 5Gray灰 4Yellow黃 3Green綠 2Brown棕 1White白 12-- 11-- 10Violet紫 9Black黑 8Red紅 7Blue藍 6Pink粉 5Gray灰 4Yellow黃 3Green綠 2Brown棕 1White白 12Red/Blue紅/藍 11Gray/Pink灰/粉 10Violet紫 9Black黑 8Red紅 7Blue藍 6Pink粉 5Gray灰 4Yellow黃 3Green綠 2Brown棕 1White白	12-- 11-- 10Violet紫 9Black黑 8Red紅 7Blue藍 6Pink粉 5Gray灰 4Yellow黃 3Green綠 2Brown棕 1White白 12-- 11-- 10Violet紫 9Black黑 8Red紅 7Blue藍 6Pink粉 5Gray灰 4Yellow黃 3Green綠 2Brown棕 1White白 12Red/Blue紅/藍 11Gray/Pink灰/粉 10Violet紫 9Black黑 8Red紅 7Blue藍 6Pink粉 5Gray灰 4Yellow黃 3Green綠 2Brown棕 1White白	
	Pin #	Wire	Pin #	Wire	Pin #	Wire	Pin #	Wire
B	Pin Out							
								
	3P	4P	5P	6P	8P	10P	12P	
A	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	CHECKED BY Ma Fei	DATE 2017-04-06
				REV. D	WC-REV. A.1	QC:Inspection item	APPROVED BY Jerry	DATE 2017-04-06
	1	2	3	4	5	6	7	8

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