



REV.	DESCRIPTION

- Note:
- \*  $\varnothing$  Important Dimension.
  - \* Waterproof Rate: IP68, IP69K.
  - \* Connector: PU+GF, Black.
  - \* Pin: Copper Alloy, Gold Plated.
  - \* Screw Nut: Nylon, Black.
  - \* Outer Mold: PU, Black.
  - \* Cable: (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
  - \* Cable Length Tolerance: 0.5±20mm  
01±40mm  
02M~05M:±60mm  
06M~10M:±100mm  
11M~30M:±200mm  
31M~99M:±500mm

UNIT:mm		TITLE		ITEM NO		DRAWN BY		DATE	
TOLERANCE		M12 A-Code Double Ended		MSAPXXML-SAPML-SXXXX		Vicky		2018-12-05	
±0.5 mm		SCALE	SIZE	SHEET	OF	CHECKED BY	DATE	2018-12-05	
		1:2	A4	1	3	Rita	2018-12-05		
		REV.	WC-REV.	QC: Inspection item		CUSTOMER	APPROVED BY	DATE	
		A				ALTW	Max	2018-12-05	

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					<table><tr><td>12P</td><td rowspan="6">PVC</td><td>6.0</td><td>26</td><td>MSAP12ML-SAPML-SDXXX</td></tr><tr><td>10P</td><td rowspan="3">24</td><td>5.5</td><td>MSAP10ML-SAPML-SDXXX</td></tr><tr><td>8P</td><td>5.0</td><td>MSAP08ML-SAPML-SDXXX</td></tr><tr><td>6P</td><td>5.1</td><td>MSAP06ML-SAPML-SDXXX</td></tr><tr><td>5P</td><td rowspan="2">22</td><td>4.8</td><td>MSAP05ML-SAPML-SDXXX</td></tr><tr><td>4P</td><td>4.5</td><td>MSAP04ML-SAPML-SDXXX</td></tr><tr><td>3P</td><td rowspan="6">PUR</td><td>6.0</td><td>26</td><td>MSAP12ML-SAPML-SBXXX</td></tr><tr><td>10P</td><td rowspan="3">24</td><td>4.8</td><td>MSAP10ML-SAPML-SBXXX</td></tr><tr><td>8P</td><td>5.0</td><td>MSAP08ML-SAPML-SBXXX</td></tr><tr><td>6P</td><td>4.4</td><td>MSAP06ML-SAPML-SBXXX</td></tr><tr><td>5P</td><td rowspan="2">22</td><td>4.0</td><td>MSAP05ML-SAPML-SBXXX</td></tr><tr><td>4P</td><td>3.8</td><td>MSAP04ML-SAPML-SBXXX</td></tr><tr><td>3P</td><td colspan="2"></td><td></td><td></td></tr><tr><td>Contacts</td><td>Cable Jacket</td><td>Cable OD</td><td>AWG</td><td>Item No.</td></tr></table>	12P	PVC	6.0	26	MSAP12ML-SAPML-SDXXX	10P	24	5.5	MSAP10ML-SAPML-SDXXX	8P	5.0	MSAP08ML-SAPML-SDXXX	6P	5.1	MSAP06ML-SAPML-SDXXX	5P	22	4.8	MSAP05ML-SAPML-SDXXX	4P	4.5	MSAP04ML-SAPML-SDXXX	3P	PUR	6.0	26	MSAP12ML-SAPML-SBXXX	10P	24	4.8	MSAP10ML-SAPML-SBXXX	8P	5.0	MSAP08ML-SAPML-SBXXX	6P	4.4	MSAP06ML-SAPML-SBXXX	5P	22	4.0	MSAP05ML-SAPML-SBXXX	4P	3.8	MSAP04ML-SAPML-SBXXX	3P					Contacts	Cable Jacket	Cable OD	AWG	Item No.			
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### Pin Assignments Front View

UNIT:mm				TITLE M12 A-Code Double Ended		Amphenol LTW  安費諾亮泰企業股份有限公司		ITEM NO		DRAWN BY		DATE			
TOLERANCE								DWG NO	CHECKED BY		DATE				
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				SCALE 1:2	SIZE A4	SHEET 3 OF 3		MSAPXXML-SAPML-SXXXX	Rita	2018-12-05					
				REV. A	MC-REV.	QC: Inspection item		ALTW	Max	2018-12-05					
1		2		3		4		5		6		7		8 W10B14-03-RW01A2	

# Mouser Electronics

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[MSAP05ML-SAPML-SDA05](#) [MSAP08ML-SAPML-SBA05](#)