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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A		2019/04/10	Bovan Lu	Initial Released.

### Male Connector Position & Key Direction



### Female Connector Position & Key Direction



※ This drawing is common drawing of series products.  
 The figure only shows individual position and key direction of male/female connectors.  
 Specific state of C1,2,3 connectors depends on part number. (see sheet 2/3)

**ALTW**  
**CONFIDENTIAL**  
 2019-04-10  
**R&D DEPT.**

- Note:
- \* IP: IP68 (IM/24Hr.)
  - \* Connector: Thermoplastic
  - \* Pin: Copper Alloy
  - \* Nut: Metal
  - \* Other:

A	UNIT:mm			TITLE	M12, A-Code, Y-Adaptor		ITEM NO	DRAWN BY	DATE			
	TOLERANCE	±0.5mm		SCALE	1:1	SIZE	A4	SHEET	1 OF 3			
		REV.	A	WC-REV.	A.27	☉: Inspection item		CUSTOMER	ALTW			
				<b>Amphenol LTW</b> 安費諾亮泰企業股份有限公司			DWG NO	YA-AXXX-AXXX-AXXX-XX	CHECKED BY	Neo Tsai	DATE	2019-04-10
							APPROVED BY	Max Yang	DATE	2019-04-10		

YA - AXXX - AXXX - AXXX - XX

-01: All connectors have the same number of pins.

C1 Connector Type

03: 3 pin  
04: 4 pin  
:  
12: 12 pin

C1 Gender

M: Male Connector, Male Pin  
F: Female Connector, Female Pin

C2 Connector Type

03: 3 pin  
04: 4 pin  
:  
12: 12 pin

C2 Gender

M: Male Connector, Male Pin  
F: Female Connector, Female Pin

C3 Connector Type

03: 3 pin  
04: 4 pin  
:  
12: 12 pin

C3 Gender

M: Male Connector, Male Pin  
F: Female Connector, Female Pin

UNIT:mm



TOLERANCE

—

TITLE M12, A-Code, Y-Adaptor			
SCALE 1:1	SIZE A4	SHEET 2 OF 3	
REV. A	WC-REV. A.27	Ⓞ: Inspection item	

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY Bovan Lu	DATE 2019-04-10
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CUSTOMER ALTW	APPROVED BY Max Yang	DATE 2019-04-10

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		A-code						
		3 Pin	4 Pin	5 Pin	6 Pin	8 Pin	10 Pin	12 Pin
F	Male							
	Female							
		Pin# Color	Pin# Color	Pin# Color	Pin# Color	Pin# Color	Pin# Color	Pin# Color
D		Pin1 Black Pin3 White Pin4 Blue	Pin1 Black Pin2 White Pin3 Blue Pin4 Green	Pin1 Black Pin2 White Pin3 Blue Pin4 Green Pin5 Red	Pin1 Black Pin2 White Pin3 Blue Pin4 Green Pin6 Red Pin7 Gray	Pin1 Black Pin2 White Pin3 Blue Pin4 Green Pin5 Red Pin6 Gray Pin7 Yellow Pin8 Orange	Pin1 Black Pin2 White Pin3 Blue Pin4 Green Pin5 Red Pin6 Gray Pin7 Yellow Pin8 Orange Pin9 Brown Pin10 Purple	Pin1 Black Pin2 White Pin3 Blue Pin4 Green Pin5 Red Pin6 Gray Pin7 Yellow Pin8 Orange Pin9 Brown Pin10 Purple Pin11 White/Red Pin12 Pink

Pin Assignments Front View



A	UNIT:mm		TITLE M12, A-Code, Y-Adaptor			ITEM NO	DRAWN BY Bovan Lu	DATE 2019-04-10
	TOLERANCE	—	SCALE 1:1	SIZE A4	SHEET 3 OF 3	DWG NO YA-AXXX-AXXX-AXXX-XX	CHECKED BY Neo Tsai	DATE 2019-04-10
			REV. A	WC-REV. A.27	Inspection item	CUSTOMER ALTW	APPROVED BY Max Yang	DATE 2019-04-10

# Mouser Electronics

Authorized Distributor

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