

Technical drawings of the Amphenol 15-150 connector showing front, side, and rear views with dimensions and labels.

Front View (Left): Shows the connector face with a central circular feature. Dimensions include a 45° angle and a distance of 16.2 (C1 Male).

Side View (Middle): Shows the connector profile with a total length of 52.2. It includes labels for "Amphenol", "A", and "B". Dimensions include 16.2 (C1 Male) and 16.2 (C2,3 Male).

Rear View (Right): Shows the connector back with two circular features. Dimensions include 45° angles and distances of 16.2 (C2 Male) and 16.2 (C3 Male).

[illegible]

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

Note:
 * IP: IP68 (1M/24Hr.)
 * Connector: Thermoplastic
 * Pin: Copper Alloy
 * Nut: Metal
 * Other:

UNIT:mm				TITLE MI2, A-Code, Y-Adaptor				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							
TOLERANCE ±0.5mm												SCALE 1:1		SIZE A4		SHEET 1 OF 3		DWG NO YA-XXXX-XXXX-XXXX-XX		CHECKED BY Neo Tsai		DATE 2019-04-10	
												REV. A		WC-REV. A.27		QC: Inspection item		CUSTOMER ALTW		APPROVED BY Max Yang		DATE 2019-04-10	

THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

Y A - A X X X - A X X X - A X X X - X X

-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

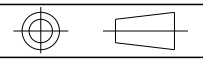
C3 Connector Type

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

C3 Gender

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

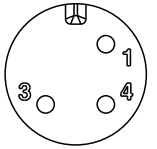
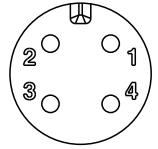
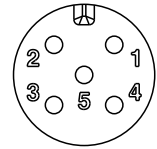
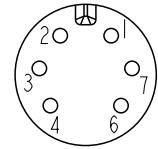
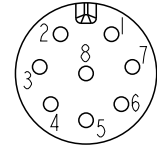
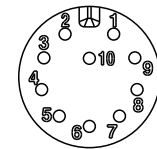
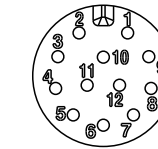
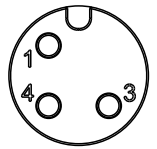
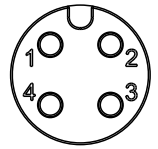
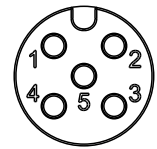
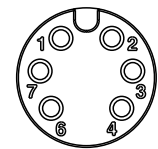
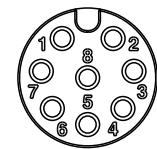
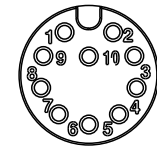
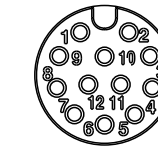
UNIT:mm
TOLERANCE



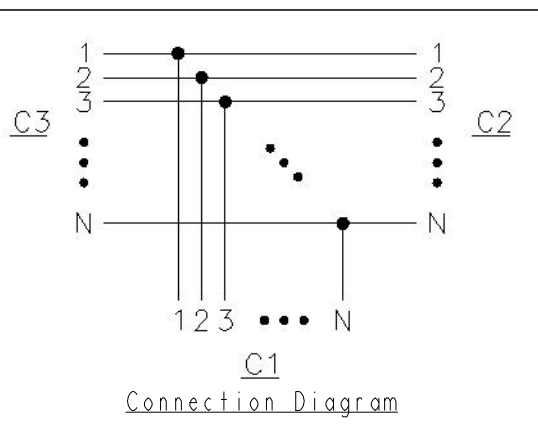
TITLE M12, A-Code, Y-Adaptor			
SCALE 1:1	SIZE A4	SHEET 2 OF 3	
REV. A	WC-REV. A.27	QC: Inspection item	

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
DWG NO YA-XXXX-XXXX-XXXX-XX	CHECKED BY Neo Tsai	DATE 2019-04-10
CUSTOMER ALTW	APPROVED BY Max Yang	DATE 2019-04-10

	A - code						
	3 Pin	4 Pin	5 Pin	6 Pin	8 Pin	10 Pin	12 Pin
Male							
Female							
Pin Out	Pin# Color	Pin# Color	Pin# Color	Pin# Color	Pin# Color	Pin# Color	Pin# Color
	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



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

Amphenol LTW
安費諾亮泰企業股份有限公司

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

[YA-A12F-A12M-A12M-01](#) [YA-A12M-A12M-A12M-01](#) [YA-A08M-A08F-A08F-01](#) [YA-A12M-A12M-A12F-01](#) [YA-A12F-A12F-A12F-01](#) [YA-A10M-A10F-A10F-01](#) [YA-A12M-A12F-A12F-01](#) [YA-A08M-A08M-A08M-01](#) [YA-A10M-A10M-A10M-01](#) [YA-A10F-A10M-A10M-01](#) [YA-A10F-A10F-A10F-01](#) [YA-A10M-A10M-A10F-01](#) [YA-A08M-A08M-A08F-01](#)