

# Amphenol

AC SERIES CHASSIS CONNECTORS

## THERMOPLASTIC A - TYPE FLANGE 3 CONTACT



**Features:**

- Thermoplastic Shell
- Industry standard PCB footprints.
- Vertical or Horizontal PCB mounting.
- Precision machined pin contacts.
- Gold plated contacts.
- Leading first mate last break socket contact.
- Bulk packed in trays, 100 to a box as standard.
- Positive latch lock system.

**Options:** Silver plated contacts, Vertical or Horizontal PCB, Various grounding methods, Latching or Non-Latching.

**Part Number Breakdown: Page 44-45 Specifications: Page 47 PCB Footprints: Page 48 Panel Cutouts: Page 49 Recommended Fastener: Page 132**


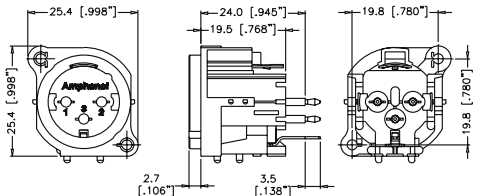

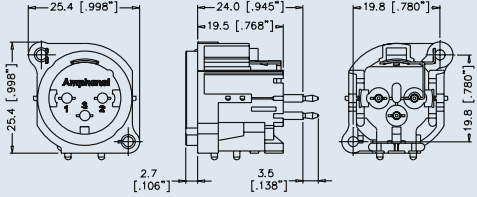

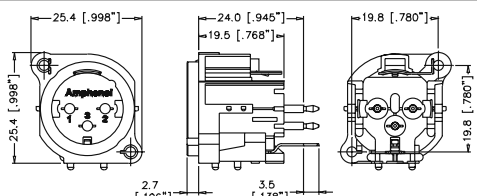

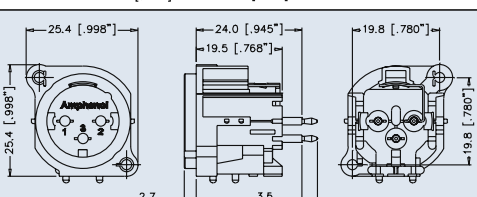

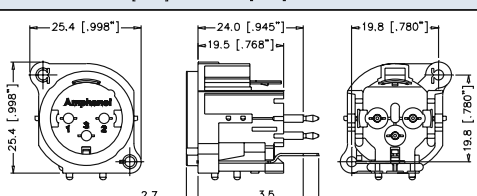

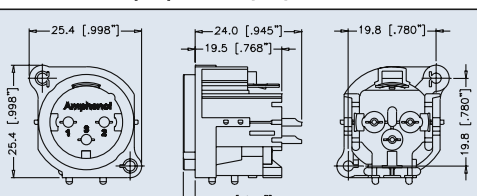

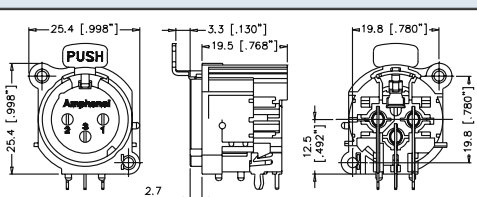

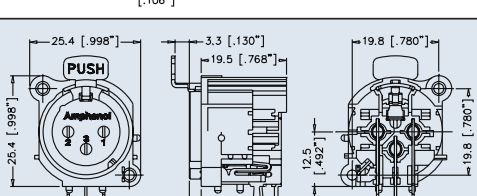


PRODUCT - FIGURE	DRAWING	Dimensions in mm (inches)	DESCRIPTION	GROUND LINK VARIATIONS	PART NUMBER
		25.4 [ .998" ] 19.5 [ .768" ] 19.8 [ .780" ] 12.5 [ .492" ] 19.8 [ .780" ] 2.7 [ .106" ]	XLR 3 pole male, Horizontal PCB, Gold Plated Contacts, Bulk Pack	No Ground Link	AC3MAH-AU-B
		25.4 [ .998" ] 19.5 [ .768" ] 19.8 [ .780" ] 12.5 [ .492" ] 19.8 [ .780" ] 2.7 [ .106" ]	XLR 3 pole male, Horizontal PCB, Gold Plated Contacts, Bulk Pack	Pin 1 to Chassis to Mating connector shell	AC3MAH1-AU-B
		25.4 [ .998" ] 19.5 [ .768" ] 19.8 [ .780" ] 12.5 [ .492" ] 19.8 [ .780" ] 2.7 [ .106" ]	XLR 3 pole male, Horizontal PCB, Gold Plated Contacts, Bulk Pack	Mating connector shell to Chassis - Pin 1 sep. Ground	AC3MAH2-AU-B
		25.4 [ .998" ] 19.5 [ .768" ] 19.8 [ .780" ] 12.5 [ .492" ] 19.8 [ .780" ] 2.7 [ .106" ]	XLR 3 pole male, Horizontal PCB, Gold Plated Contacts, Bulk Pack	Mating connector shell to Pin 1	AC3MAH3-AU-B
		25.4 [ .998" ] 19.5 [ .768" ] 19.8 [ .780" ] 12.5 [ .492" ] 19.8 [ .780" ] 2.7 [ .106" ]	XLR 3 pole male, Horizontal PCB, Gold Plated Contacts, Bulk Pack	Mating connector shell to Chassis to PCB, Pin 1 sep. Ground	AC3MAH4-AU-B
		25.4 [ .998" ] 19.5 [ .768" ] 19.8 [ .780" ] 12.5 [ .492" ] 19.8 [ .780" ] 2.7 [ .106" ]	XLR 3 pole male with integrated switch, Horizontal PCB, Gold Plated Contacts, Bulk Pack	Mating connector shell to Chassis to PCB, Pin 1 sep. Ground	AC3MAH4-SW-B

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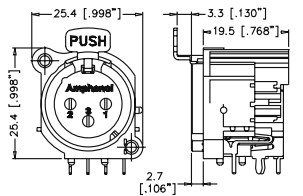

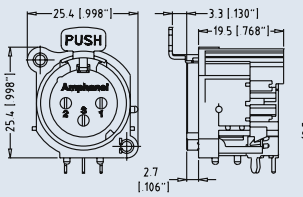

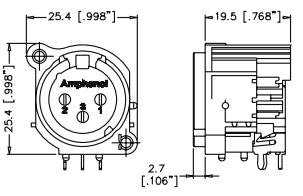

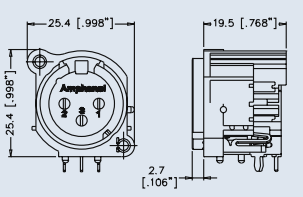

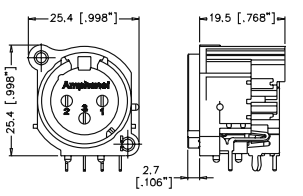

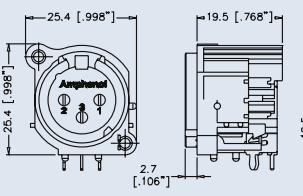

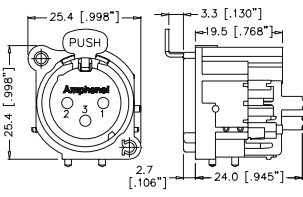

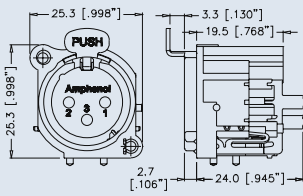
**THERMOPLASTIC A TYPE FLANGE**

PRODUCT - FIGURE	DRAWING	Dimensions in mm (inches)	DESCRIPTION	GROUND LINK VARIATIONS	PART NUMBER
		25.4 [ .998" ] 24.0 [ .945" ] 19.5 [ .768" ] 19.8 [ .780" ] 2.7 [ .106" ] 3.5 [ .138" ]	XLR 3 pole male, Vertical PCB, Gold Plated Contacts, Bulk Pack	No Ground Link	AC3MAV-AU-B
		25.4 [ .998" ] 24.0 [ .945" ] 19.5 [ .768" ] 19.8 [ .780" ] 2.7 [ .106" ] 3.5 [ .138" ]	XLR 3 pole male, Vertical PCB, Gold Plated Contacts, Bulk Pack	Pin 1 to Chassis to Mating connector shell	AC3MAV1-AU-B
		25.4 [ .998" ] 24.0 [ .945" ] 19.5 [ .768" ] 19.8 [ .780" ] 2.7 [ .106" ] 3.5 [ .138" ]	XLR 3 pole male, Vertical PCB, Gold Plated Contacts, Bulk Pack	Mating connector shell to Chassis - Pin 1 sep. Ground	AC3MAV2-AU-B
		25.4 [ .998" ] 24.0 [ .945" ] 19.5 [ .768" ] 19.8 [ .780" ] 2.7 [ .106" ] 3.5 [ .138" ]	XLR 3 pole male, Vertical PCB, Gold Plated Contacts, Bulk Pack	Mating connector shell to Pin 1	AC3MAV3-AU-B
		25.4 [ .998" ] 24.0 [ .945" ] 19.5 [ .768" ] 19.8 [ .780" ] 2.7 [ .106" ] 3.5 [ .138" ]	XLR 3 pole male, Vertical PCB, Gold Plated Contacts, Bulk Pack	Mating connector shell to Chassis to PCB, Pin 1 sep. ground	AC3MAV4-AU-B
		25.4 [ .998" ] 24.0 [ .945" ] 19.5 [ .768" ] 19.8 [ .780" ] 2.7 [ .106" ]	XLR 3 pole male, Solder Buckets, Gold Plated Contacts, Bulk Pack	No Ground Link	AC3MA-AU-B
		25.4 [ .998" ] 24.0 [ .945" ] 19.5 [ .768" ] 19.8 [ .780" ] 2.7 [ .106" ] 3.3 [ .130" ] 12.5 [ .492" ]	XLR 3 pole female, Horizontal PCB, Latching Type, Gold Plated Contacts, Bulk Pack	No Ground Link	AC3FAH-AU-B
		25.4 [ .998" ] 24.0 [ .945" ] 19.5 [ .768" ] 19.8 [ .780" ] 2.7 [ .106" ] 3.3 [ .130" ] 12.5 [ .492" ]	XLR 3 pole female, Horizontal PCB, Latching Type, Gold Plated Contacts, Bulk Pack	Pin 1 to Chassis to Mating connector shell	AC3FAH1-AU-B


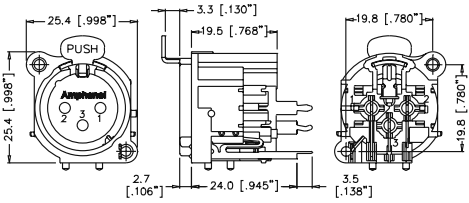

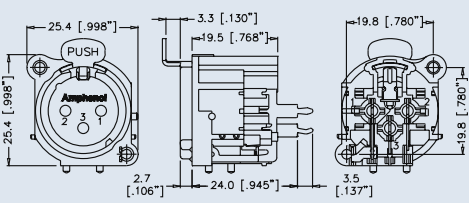

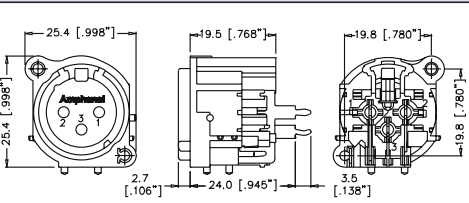

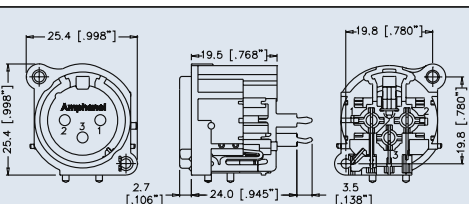

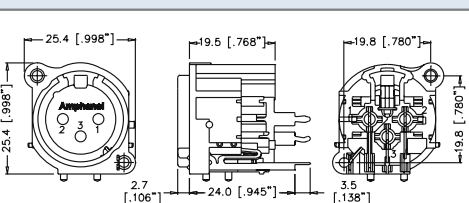

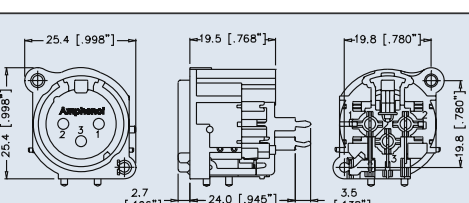
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PRODUCT - FIGURE	DRAWING	Dimensions in mm (inches)	DESCRIPTION	GROUND LINK VARIATIONS	PART NUMBER
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		25.4 [ .998" ] 25.4 [ .998" ] 3.3 [ .130" ] 19.5 [ .768" ] 19.8 [ .780" ] 12.5 [ .492" ] 19.8 [ .780" ] 2.7 [ .106" ]	XLR 3 pole female, Horizontal PCB, Latching Type, Gold Plated Contacts, Bulk Pack	Pin 1 to Chassis	AC3FAH3-AU-B
		25.4 [ .998" ] 25.4 [ .998" ] 19.5 [ .768" ] 19.8 [ .780" ] 12.5 [ .492" ] 19.8 [ .780" ] 2.7 [ .106" ]	XLR 3 pole female, Horizontal PCB, Non-Latching Type Gold Plated Contacts, Bulk Pack	No Ground Link	AC3FAHL-AU-B
		25.4 [ .998" ] 25.4 [ .998" ] 19.5 [ .768" ] 19.8 [ .780" ] 12.5 [ .492" ] 19.8 [ .780" ] 2.7 [ .106" ]	XLR 3 pole female, Horizontal PCB, Non-Latching Type Gold Plated Contacts, Bulk Pack	Pin 1 to Chassis to mating connector shell	AC3FAHL1-AU-B
		25.4 [ .998" ] 25.4 [ .998" ] 19.5 [ .768" ] 19.8 [ .780" ] 12.5 [ .492" ] 19.8 [ .780" ] 2.7 [ .106" ]	XLR 3 pole female, Horizontal PCB, Non-Latching Type Gold Plated Contacts, Bulk Pack	Mating connector shell to Chassis - Pin 1 sep. Ground.	AC3FAHL2-AU-B
		25.4 [ .998" ] 25.4 [ .998" ] 19.5 [ .768" ] 19.8 [ .780" ] 12.5 [ .492" ] 19.8 [ .780" ] 2.7 [ .106" ]	XLR 3 pole female, Horizontal PCB, Non-Latching Type Gold Plated Contacts, Bulk Pack	Pin 1 to Chassis	AC3FAHL3-AU-B
		25.4 [ .998" ] 25.4 [ .998" ] 3.3 [ .130" ] 19.5 [ .768" ] 19.8 [ .780" ] 12.5 [ .492" ] 19.8 [ .780" ] 2.7 [ .106" ] 24.0 [ .945" ] 3.5 [ .137" ]	XLR 3 pole female, Vertical PCB, Latching Type, Gold Plated Contacts, Bulk Pack	No Ground Link	AC3FAV-AU-B
		25.3 [ .998" ] 25.3 [ .998" ] 3.3 [ .130" ] 19.5 [ .768" ] 19.8 [ .779" ] 12.5 [ .492" ] 19.8 [ .779" ] 2.7 [ .106" ] 24.0 [ .945" ] 3.5 [ .138" ]	XLR 3 pole female, Vertical PCB, Latching Type, Gold Plated Contacts, Bulk Pack	Pin 1 to Chassis to mating connector shell	AC3FAV1-AU-B



PRODUCT - FIGURE	DRAWING	DESCRIPTION	GROUND LINK VARIATIONS	PART NUMBER
		XLR 3 pole female, Vertical PCB, Latching Type, Gold Plated Contacts, Bulk Pack	Mating connector shell to Chassis - Pin 1 sep. Ground.	AC3FAV2-AU-B
		XLR 3 pole female, Vertical PCB, Latching Type, Gold Plated Contacts, Bulk Pack	Pin 1 to Chassis	AC3FAV3-AU-B
		XLR 3 pole female, Vertical PCB, Non-Latching Type, Gold Plated Contacts, Bulk Pack	No Ground Link	AC3FAVL-AU-B
		XLR 3 pole female, Vertical PCB, Non-Latching Type, Gold Plated Contacts, Bulk Pack	Pin 1 to Chassis to Mating connector shell	AC3FAVL1-AU-B
		XLR 3 pole female, Vertical PCB, Non-Latching Type, Gold Plated Contacts, Bulk Pack	Mating connector shell to Chassis - Pin 1 sep. Ground.	AC3FAVL2-AU-B
		XLR 3 pole female, Vertical PCB, Non-Latching Type, Gold Plated Contacts, Bulk Pack	Pin 1 to Chassis	AC3FAVL3-AU-B