

The metal chassis mount "Z" series connectors are designed for the audio user where durability, reliability and strength across a wide range of applications are important. All AC products are manufactured to the highest quality standards and will withstand the harshest environments. This range complies with IEC268-12 and AES 14-1992 standards. CSA File Number 68598

#### **Features**

- The "D" size housing can be either front or rear mounted using the same panel cutout.
- The "P" size housing is the original wide flange front mounting XLR connector. "PN" is the original narrow flange front mounting male connector.
- A leading first mate last break socket contact is standard on all female connectors (Pin 1).
- · Solder cup or Vertical PCB versions.
- Connectors are fitted with a grounding system for RFI shielding applications.
- Available in 3, 4, 5, 6A and 7 contact arrangements.
- Compatible with all other XLR brands.

#### **Options**

- Solder Bucket termination
- Vertical PCB contacts
- Zinc Diecast Shell Satin Nickel Finish
- Zinc Diecast Shell Black Polyester Finish
- Gold, Silver or Tin Plated Contacts
- Bulk Packaging
- Single Bag packs
- Precision machined contacts
- Cost effective stamped contacts on 3 pole
- Latchless versions (Non-Latching) (Female only)

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**Note:** A ground tag is standard on all AC "Z" series connectors. Although the ground tag is intended for RFI shielding applications, Amphenol cannot guarantee its effectiveness in all cases.

The non-conductive Black polyester finish insulates the ground tag from the shell and should not be used in applications requiring ground contact to the shell.

#### **Ordering Codes**

We have listed the more common ordering codes in each section. For further options please refer to the part number breakdown charts. Please contact us if you need any further assistance.

### AC "Z" SERIES XLR METAL CHASSIS MOUNT CONNECTORS

### Simple steps to guide you in using this catalogue

- Identify the product group listed in Contents on Page 1 and go directly to that page number.
- 2) Each product group cover page then details information and options available.
- 3) Refer to the product detail pages and identify the product you require pictorially.
- 4) Read the product description column for the products standard features.
- 5) Use variations column to determine your choice.
- 6) Identify part number.
- In the event the particular option you require is not listed please refer to the part number breakdown page at the end of each section.
- 8) Please contact us directly if you have any further problems.

### METAL D TYPE FLANGE



#### Features:

- Zinc Diecast Shell.
- D size housing can be front or rear mounted using the same panel cutout.
- Solder Bucket connections.
- Vertical PCB mounting (not available in 4 contact female).
- Precision machined or Stamped contacts (3 pin only).
- · Leading first mate last break socket contact.
- · Positive latch lock system.

**Options:** Stamped contacts (3 contact only), Gold plated contacts, Vertical PCB contacts, Black finish, Non-Latching (Female only), Bulk Pack.

Part Number Breakdown: Page 31 Specifications: Page 32 PCB Footprints: Page 33 Panel Cutouts: Page 33

PRODUCT - FIGURE	DRAWING	Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
			XLR 3 pole male, D Flange,	Standard	AC3MMDZ
2				Gold Plated Contacts	AC3MMDZ-AU
	19.0 [.748"]	-2.7 [.106"] -5.5 [.217"]	Nickel Finish	Vertical PCB	AC3MMDZV
ELEVENERIE	[1:220 <sup>*</sup> ]			Bulk Pack	AC3MMDZ BULK
		SOLDER CONTACTS	XLR 3 pole male,	Standard	AC3MMDZB
9	- 26.0 [1.024"]	- 32.1 [1.263"]	D Flange, Machined contacts, Black Finish	Gold Plated Contacts	AC3MMDZB-AU
				Vertical PCB	AC3MMDZVB
Elemental				Bulk Pack	AC3MMDZB BULK
			XLR 3 pole male, D Flange,	Standard	AC3MDZ
2	19.0 [.748"]		Stamped contacts, Nickel Finish	Gold Plated Contacts	AC3MDZ-AU
			Vertical PCB	AC3MDZV	
STATISTICS -				Bulk Pack	AC3MDZ BULK
	31.0 [	SOLDER CONTACTS SOLDER	XLR 3 pole male,	Standard	AC3MDZB
9	- 26.0 [1.024"]		D Flange, Stamped contacts,	Gold Plated Contacts	AC3MDZB-AU
			Black Finish	Vertical PCB	AC3MDZVB
ENCENTERING				Bulk Pack	AC3MDZB BULK
			XLR 3 pole female, D Flange,	Standard	AC3FDZ
( Cara			Stamped contacts, Nickel Finish	Gold Plated Contacts	AC3FDZ-AU
		3.5 [.256"] <u></u> 2.5 [.099"]		Vertical PCB	AC3FDZV
Etternetie	944-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-			Bulk Pack	AC3FDZ BULK
		SOLDER CONTACTS	XLR 3 pole female, D Flange,	Standard	AC3FDZB
C C C C C C C C C C C C C C C C C C C		SOLDER CONTACTS -5.5 [.217"] -3.3.1 [1.303"]	Stamped contacts, Black Finish	Gold Plated Contacts	AC3FDZB-AU
				Vertical PCB	AC3FDZVB
Sutterman				Bulk Pack	AC3FDZB BULK

DRAWING

**PRODUCT - FIGURE** 

PART NUMBER

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### **METAL D TYPE FLANGE**

VARIATIONS

DESCRIPTION

Dimensions in mm (inches)

		Distinct	2	(			
					XLR 4 pole male, D Flange,	Standard	AC4MDZ
	P ( )				Machined contacts, Nickel Finish	Gold Plated Contacts	AC4MDZ-AU
		19.0 [.748"] -	2.7 [.106"]	5.5 [.217"]		Vertical PCB	AC4MDZV
Z	Electronicities	€ [1:220"]-				Bulk Pack	AC4MDZ BULK
		31.0 [			XLR 4 pole male, D Flange,	Standard	AC4MDZB
	9	- 26.0 [1.024"]-			Machined contacts, Black Finish	Gold Plated Contacts	AC4MDZB-AU
						Vertical PCB	AC4MDZVB
	electrometered					Bulk Pack	AC4MDZB BULK
					XLR 4 pole female, D Flange,	Standard	AC4FDZ
					Machined contacts, Nickel Finish	Gold Plated Contacts	AC4FDZ-AU
		-26.0 [1.024"]-	6.5 [.256"]			Vertical PCB	AC4FDZV
	Allenterenard					Bulk Pack	AC4FDZ BULK
		-24.0 [[1.220 <sup>*</sup> ]]			XLR 4 pole female, D Flange,	Standard	AC4FDZB
	C PUER	19.0 [.748"]-	Solder Contacts 5.5 [.217"] 32.0 [1.260"]	PCB CONTACTS → 22.0 [.866"]→ → 36.2 [1.425"]→	Machined contacts, Black Finish	Gold Plated Contacts	AC4FDZB-AU
					Didok Fillion	Vertical PCB	AC4FDZVB
	CONTRACTOR OF					Bulk Pack	AC4FDZB BULK
					XLR 5 pole male, D Flange,	Standard	AC5MDZ
	12				Machined contacts, Nickel Finish	Gold Plated Contacts	AC5MDZ-AU
		19.0	2.7 [.106"]	5.5 [.217"]		Vertical PCB	AC5MDZV
	<u>eterringitota</u>	(1:220"]				Bulk Pack	AC5MDZ BULK
		31.0 [1			XLR 5 pole male, D Flange,	Standard	AC5MDZB
	9		SOLDER CONTACTS 5.5 [.217"] 32.1 [1.263"]	PCB CONTACTS - 27.5 [1.083"] - 36.5 [1.437"]	Machined contacts, Black Finish	Gold Plated Contacts	AC5MDZB-AU
					Didok Fillion	Vertical PCB	AC5MDZVB
	Langement					Bulk Pack	AC5MDZB BULK
					XLR 5 pole female, D Flange,	Standard	AC5FDZ
	C PUSH				Machined contacts, Nickel Finish	Gold Plated Contacts	AC5FDZ-AU
		- 26.0 [1.024"]	6.5 [.256"]	2.5 [.098*]		Vertical PCB	AC5FDZV
	Elemental					Bulk Pack	AC5FDZ BULK
		24.0 [.945']			XLR 5 pole female, D Flange,	Standard	AC5FDZB
	Section 200		SOLDER CONTACTS	PCB CONTACTS	Machined contacts, Black Finish	Gold Plated Contacts	AC5FDZB-AU
		19.0 [.748"]	امــــــــــــــــــــــــــــــــــــ	امــــــــــــــــــــــــــــــــــــ	Bruck Fillibil	Vertical PCB	AC5FDZVB
	ALGORITISMUS					Bulk Pack	AC5FDZB BULK

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PRODUCT - FIGURE	DRAWING	Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
			XLR 6A pole male,	Standard	AC6AMDZ
2			D Flange, Machined contacts, Nickel Finish	Gold Plated Contacts	AC6AMDZ-AU
	19.0 [	-2.7 [.106"] 5.5 [.217"]	NICKEI FINISN	Vertical PCB	AC6AMDZV
RECEIVERSON	24.0 [1.220 <sup>*</sup> ]			Bulk Pack	AC6AMDZ BULK
			XLR 6A pole male,	Standard	AC6AMDZB
9	-26.0 [1.024"]	SOLDER CONTACTS     PCB CONTACTS       -5.5     [.217"]       -32.1     [1.263"]	D Flange, Machined contacts, Black Finish	Gold Plated Contacts	AC6AMDZB-AU
				Vertical PCB	AC6AMDZVB
				Bulk Pack	AC6AMDZB BULK
Contraction of the second seco			XLR 6A pole female, D Flange,	Standard	AC6AFDZ
(PUSH)			Machined contacts, Nickel Finish	Gold Plated Contacts	AC6AFDZ-AU
	~ 26.0 [1.024"]~	- 6.5 [.256*] 		Vertical PCB	AC6AFDZV
(AMPLIENCE)				Bulk Pack	AC6AFDZ BULK
	-21.0 [1.220]		XLR 6A pole female, D Flange, Machined contacts, Black Finish	Standard	AC6AFDZB
C const	19.0 [.748"]	Solder contacts		Gold Plated Contacts	AC6AFDZB-AU
		بــــــــــــــــــــــــــــــــــــ		Vertical PCB	AC6AFDZVB
ELECTRONICION				Bulk Pack	AC6AFDZB BULK
10 million			XLR 7 pole male, D Flange, Gold Plated	Standard	AC7MDZ
		-2.7 [.106"] 5.5 [.217"]	Machined contacts, Nickel Finish	Vertical PCB	AC7MDZV
ECONTENDED				Bulk Pack	AC7MDZ BULK
()	31.0	SOLDER CONTACTS 5.5.5 [.217"] 32.1 [1.263"] 	XLR 7 pole male, D Flange, Gold Plated Machined contacts,	Standard	AC7MDZB
			Black Finish	Vertical PCB	AC7MDZVB
summered				Bulk Pack	AC7MDZB BULK
PILEH			XLR 7 pole female, D Flange, Gold Plated Machined contacts,	Standard	AC7FDZ
		6.5 [.256"]	Nickel Finish	Vertical PCB	AC7FDZV
				Bulk Pack	AC7FDZ BULK
	0.61 	SOLDER CONTACTS	XLR 7 pole female, D Flange, Gold Plated Machined contacts,	Standard	AC7FDZB
	19.0 [.748"]-	- 32.0 [1.260"]	Black Finish	Vertical PCB	AC7FDZVB
CONTENTITION OF				Bulk Pack	AC7FDZB BULK

### METAL P TYPE FLANGE



#### Features:

- Zinc Diecast shell.
- The P size housing is the original wide flange front mounting XLR connector. PN is the original narrow, front mounting male connector.
- Solder Bucket connections.
- Vertical PCB mounting.Precision Machined or Stamped contacts (3 pin only).
- Leading first mate last break socket contact.
- Positive latch lock system.

**Options:** Stamped contacts (3 contact only), Gold plated contacts, Vertical PCB contacts, Black Finish, Non-Latching (Female only), Bulk Pack.

### Part Number Breakdown: Page 31Specifications: Page 32PCB Footprints: Page 33Panel Cutouts: Page 33

PRODUCT - FIGURE	DRAWING	Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
			XLR 3 pole male,	Standard	AC3MMPNZ
			Narrow flange, Machined contacts, Nickel Finish	Gold Plated Contacts	AC3MMPNZ-AU
		⊨= 25.5 [1.004"]-=-		Vertical PCB	AC3MMPNZV
6	27:0 [1.063 <sup>*</sup> ]-			Bulk Pack	AC3MMPNZ BULK
			XLR 3 pole male, Narrow flange,	Standard	AC3MMPNZB
	Solder Contact =22.2 [.874"]= - 32.1 [1.265"]		Machined contacts, Black Finish	Gold Plated Contacts	AC3MMPNZB-AU
10			DIACK FILLIST	Vertical PCB	AC3MMPNZVB
				Bulk Pack	AC3MMPNZB BULK
			XLR 3 pole male, Narrow flange,	Standard	AC3MPNZ
			Stamped contacts, Nickel Finish	Gold Plated Contacts	AC3MPNZ-AU
		₽~ 25.5 [1.004"]~~		Vertical PCB	AC3MPNZV
0				Bulk Pack	AC3MPNZ BULK
	36.8	Solder contacts	XLR 3 pole male,	Standard	AC3MPNZB
	Solder CONTACT		Narrow flange, Stamped contacts,	Gold Plated Contacts	AC3MPNZB-AU
			Black Finish	Vertical PCB	AC3MPNZVB
				Bulk Pack	AC3MPNZB BULK
			XLR 3 pole male,	Standard	AC3MMP
0			Wide flange, Machined contacts, Nickel Finish	Gold Plated Contacts	AC3MMP-AU
		P⇒-25.0 [0.982"]		Vertical PCB	AC3MMPV
<u>Interneting</u>	26.4 [1.039 <sup>-</sup> ]			Bulk Pack	AC3MMP BULK
20			XLR 3 pole male,	Standard	AC3MMPB
	Solder contac		Wide flange, Machined contacts,	Gold Plated Contacts	AC3MMPB-AU
10			Black Finish	Vertical PCB	AC3MMPVB
land a				Bulk Pack	AC3MMPB BULK

PRODUCT - FIGURE	DRAWING Dimensions in mm (incl	es) DESCRIPTION	VARIATIONS	PART NUMBER
		XLR 3 pole male, Wide flange,	Standard	AC3MP
C.		Stamped contacts, Nickel Finish	Gold Plated Contacts	AC3MP-AU
			Vertical PCB	AC3MPV
CONTROL OF			Bulk Pack	AC3MP BULK
		XLR 3 pole male, Wide flange,	Standard	AC3MPB
2	Solder CONTACTS 16.7 .655°*	Stamped contacts,	Gold Plated Contacts	AC3MPB-AU
		Diack Timon	Vertical PCB	AC3MPVB
CHARLES RELACED			Bulk Pack	AC3MPB BULK
		XLR 3 pole female, Wide flange,	Standard	AC3FPZ
PUSH		Stamped contacts, Nickel Finish	Gold Plated Contacts	AC3FPZ-AU
	-27.2 [1.070"]		Vertical PCB	AC3FPZV
- AND THE AND			Bulk Pack	AC3FPZ BULK
		XLR 3 pole female, Wide flange,	Standard	AC3FPZB
C PUSH	Addressinker     PCB contacts       16.7	Stamped contacts,	Gold Plated Contacts	AC3FPZB-AU
			Vertical PCB	AC3FPZVB
Constant of the state			Bulk Pack	AC3FPZB BULK
		XLR 4 pole male, Narrow flange,	Standard	AC4MPNZ
		Machined contacts, Nickel Finish	Gold Plated Contacts	AC4MPNZ-AU
			Vertical PCB	AC4MPNZV
6			Bulk Pack	AC4MPNZ BULK
		XLR 4 pole male, Narrow flange,	Standard	AC4MPNZB
	SOLDER CONTACTS → 22.2 [.874"]→ 32.1 [1.265"]→ 36.5 [1.439"]	Machined contacts,	Gold Plated Contacts	AC4MPNZB-AU
		Diack Tillisti	Vertical PCB	AC4MPNZVB
e e			Bulk Pack	AC4MPNZB BULK
		XLR 4 pole male, Wide flange,	Standard	AC4MP
2		Machined contacts, Nickel Finish	Gold Plated Contacts	AC4MP-AU
			Vertical PCB	AC4MPV
Commence of			Bulk Pack	AC4MP BULK
		XLR 4 pole male,	Standard	AC4MPB
	Image: solution of the	Wide flange, Machined contacts,	Gold Plated Contacts	AC4MPB-AU
		Black Finish	Vertical PCB	AC4MPVB
ENGENEEMOL			Bulk Pack	AC4MPB BULK

PRODUCT - FIGURE	DRAWING	Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
				Standard	AC4FPZ
( Pusa			Wide flange, Machined contacts, Nickel Finish	Gold Plated Contacts	AC4FPZ- AU
	-27.2 [1.070"]	-3.5 [.138"]		Vertical PCB	AC4FPZV
and the second second				Bulk Pack	AC4FPZ BULK
	26.7 [1.445 <sup>]</sup>		XLR 4 pole female, Wide flange,	Standard	AC4FPZB
		SOLDER CONTACTS PCB CONTACTS	Machined contacts, Black Finish	Gold Plated Contacts	AC4FPZB- AU
	16,7 [.656"]	34.0 [1.340"]	Diack Tillion	Vertical PCB	AC4FPZVB
Lucian and				Bulk Pack	AC4FPZB BULK
			XLR 5 pole male, Narrow flange,	Standard	AC5MPNZ
			Machined contacts, Nickel Finish	Gold Plated Contacts	AC5MPNZ- AU
		4 [.094"] → 25.5 [1.006"]→		Vertical PCB	AC5MPNZV
C	(1.1419")			Bulk Pack	AC5MPNZ BULK
	27.0 [1.063"]		XLR 5 pole male, Narrow flange,	Standard	AC5MPNZB
10	Solder CONTACTS		Machined contacts, Black Finish	Gold Plated Contacts	AC5MPNZB- AU
	Hazz.z [.0/+ jan ]	32.1 [1.265"] 36.5 [1.439"]	Diack Finish	Vertical PCB	AC5MPNZVB
			Bulk Pack	AC5MPNZB BULK	
		XLR 5 pole male, Wide flange,	Standard	AC5MP	
			Machined contacts, Nickel Finish	Gold Plated Contacts	AC5MP- AU
	27.2 [1.070"]	2.4 [.094 <sup>*</sup> ]		Vertical PCB	AC5MPV
A ROLE OF THE ALLER				Bulk Pack	AC5MP BULK
	36.7		XLR 5 pole male, Wide flange,	Standard	AC5MPB
2		- 31.5 [1.238"]	Machined contacts, Black Finish	Gold Plated Contacts	AC5MPB- AU
				Vertical PCB	AC5MPVB
<b>ELEPHENCU</b>				Bulk Pack	AC5MPB BULK
			XLR 5 pole female, Wide flange,	Standard	AC5FPZ
Pusi			Machined contacts, Nickel Finish	Gold Plated Contacts	AC5FPZ- AU
		.3.5 [.138"]		Vertical PCB	AC5FPZV
Gust				Bulk Pack	AC5FPZ BULK
	SOLDER CONTACTS 16.7 16.9 1		XLR 5 pole female, Wide flange,	Standard	AC5FPZB
			Machined contacts, Black Finish	Gold Plated Contacts	AC5FPZB- AU
		<sup>le</sup> [.656*] <sup>ed</sup>		Vertical PCB	AC5FPZVB
and the second second				Bulk Pack	AC5FPZB BULK

PRODUCT - FIGURE	DRAWING	Dimen	sions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
				XLR 6A pole male, Narrow flange,	Standard	AC6AMPNZ
				Machined contacts, Nickel Finish	Gold Plated Contacts	AC6AMPNZ- AU
		2.4 [.094"]	⇔-25.5 [1.006"]-⇔- ∏		Vertical PCB	AC6AMPNZV
8					Bulk Pack	AC6AMPNZ BULK
				XLR 6A pole male, Narrow flange,	Standard	AC6AMPNZB
		DER CONTACTS 5.5 [1.006"] 2.1 [1.265"]	PCB CONTACTS	Machined contacts, Black Finish	Gold Plated Contacts	AC6AMPNZB- AU
				Didok Tillion	Vertical PCB	AC6AMPNZVB
					Bulk Pack	AC6AMPNZB BULK
				XLR 6A pole male, Wide flange,	Standard	AC6AMP
e .				Machined contacts, Nickel Finish	Gold Plated Contacts	AC6AMP- AU
		-2.4 [.094"]	⊷-25.0 [0.982*]⊷		Vertical PCB	AC6AMPV
EMPERENCE	[[1:445"]				Bulk Pack	AC6AMP BULK
				XLR 6A pole male, Wide flange,	Standard	AC6AMPB
C.	SOLDER CONTA	solder contacts - 31.5 [1.238"]——		Machined contacts, Black Finish	Gold Plated Contacts	AC6AMPB- AU
					Vertical PCB	AC6AMPVB
Franciscon					Bulk Pack	AC6AMPB BULK
Ilipin				XLR 6A pole female, Wide flange, Machined contacts, Nickel Finish	Standard	AC6AFPZ
C Loon					Gold Plated Contacts	AC6AFPZ- AU
	-27.2 [1.071*]	- 3.5 [.138"] -⊷	.5 [.138"]2.5 [.098"]		Vertical PCB	AC6AFPZV
Land and Control of the second second					Bulk Pack	AC6AFPZ BULK
Constil	9000 91000 91000	<i>3</i> 1/17		XLR 6A pole female, Wide flange,	Standard	AC6AFPZB
		SOLDER CONTACTS	DER CONTACTS → 25.0 (.984"] → 1 [1.224"] → 36.2 [1.425"] →	Machined contacts, Black Finish,	Gold Plated Contacts	AC6AFPZB- AU
	16.7 [.656"]	— 31.1 [1.224*]——			Vertical PCB	AC6AFPZVB
A STATE OF S					Bulk Pack	AC6AFPZB BULK
				XLR 7 pole male, Narrow flange, Gold Plated Machined contacts,	Standard	AC7MPNZ
		2.4 [.094 <b>"</b> ]	r≠ 25.5 [1.006"]-= []	Nickel Finish	Vertical PCB	AC7MPNZV
	.36.8 [1.449 <sup>-]</sup>				Bulk Pack	AC7MPNZ BULK
	SOL	LDER CONTACTS 5.5 [1.006"] = [2.1 [1.265"] =	XLR 7 pole male, Narrow flange, Gold Plated Machined contacts,		Standard	AC7MPNZB
				Black Finish	Vertical PCB	AC7MPNZVB
					Bulk Pack	AC7MPNZB BULK

PRODUCT - FIGURE	DRAWING	Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
2			XLR 7 pole male, Wide flange, Gold Plated Machined contacts,	Standard	AC7MP
		[.094"] ┍╾25.0 [0.982"]	Nickel Finish	Vertical PCB	AC7MPV
A A A A A A A A A A A A A A A A A A A				Bulk Pack	AC7MP BULK
Pa		ER CONTACTS .5 [1.238"]	XLR 7 pole male, Wide flange, Gold Plated Machined contacts,	Standard	AC7MPB
		Black Finish	Vertical PCB	AC7MPVB	
LAN PERSON				Bulk Pack	AC7MPB BULK
e push			XLR 7 pole female, Wide flange, Gold Plated Machined contacts,	Standard	AC7FPZ
		5 [.138"]2.5 [.098"]	Nickel Finish	Vertical PCB	AC7FPZV
anaman e				Bulk Pack	AC7FPZ BULK
C (PUSH		DER CONTACTS	XLR 7 pole female, Wide flange, Gold Plated Machined contacts,	Standard	AC7FPZB
	16.7 [.656"] 3	i2.0 [1.260"] - 36.2 [1.425"] -	Black Finish	Vertical PCB	AC7FPZVB
and a second second				Bulk Pack	AC7FPZB BULK

METAL TYPE FLANGE

## PART NUMBER BREAKDOWN

METAL TYPE FLANGE

SERIES PREFIX   AC   =   Series Prefix     CONTACT LAYOUTS   3   =   3 Contacts     4   =   4 Contacts     5   =   5 Contacts     6A   =   6 Contacts     7   =   7 Contacts     GENDER   F   =     M   =   Male Pin Contacts     MACHINED   Blank   =     Distribution   M   =     MACHINED   Blank   =     Distribution   M   =     Machined Contacts   M   =     MACHINED   D   =     SHELL STYLE   D   =     P   =   Large Shell with Wide flange (male only)     SHELL SERIES   Blank   Male P Shell Style only     Z   =   Metal Chassis Series     TERMINATION   Blank   =     V   =   Vertical Printed Circuit Board     SHELL SINISH   B   =     B   =   Black Polyester Finish     CONTACT PLATING   Blank   =		contacts, M ies), Vertica	I Printed Circ	d Contacts, <b>PN</b> (Narrow Flange), uit Board, Black Polyester Finish,	sentes privation	contact 3 N	LAYOUTU ENDER COM	PN	SHELL Z	TERMIN V	HON FINS	contact AU	PLATING PAG BUI	K
4   =   4 Contacts     5   =   5 Contacts     6A   =   6 Contacts     7   =   7 Contacts     GENDER   F   =     M   =   Male Pin Contacts     M   =   Male Pin Contacts     M   =   Male Pin Contacts     M   =   Machined Contacts     M   =   Machined Contacts     M   =   Machined Contacts only     NOTE:   -   -     V   =   Notacts as standard. They are not available in stamped contacts and yi     NOTE:   -   -     P   =   Large Shell With wide flange (ront or nar mounting)     P   =   Large Shell With wide flange (ront or nar mounting)     P   =   Large Shell With wide flange     PN   =   Large Shell With wide flange     V   =   Vertical Printed Circuit Board     SHELL SERIES   Blank   =   Male Polyester Finish     Contacts   Stordard Data.)   Nore: Tocara tago dynada as standard. AU     W   =	SERIES PREFIX	AC	=	Series Prefix	ן									
5   =   5 Contacts     6A   =   6 Contacts     7   =   7 Contacts     GENDER   F   =   Female Socket Contacts     M   =   Male Pin Contacts     MACHINED CONTACTS   Blank   =   Stamped Contacts     M   =   Machined Contacts     MOTE   4 - 7 contact contacts and male pin contacts only (Applicable 3 male pin contacts only)     NOTE   4 - 7 contact contacts as standard. They are not available in stamped contacts.     SHELL STYLE   D   =     D   =   Small Flange (front or rear mounting)     P   =   Large Shell with wide flange (male only)     SHELL STYLE   Blank   =     D   =   Solder Buckets     V   =   Vertical Printed Circuit Board     SHELL FINISH   Blank   =   Standard Plating (Silver or Tin - Refer to Standard Data), "7 Content optic pand as standard.	CONTACT LAYOUTS	3	=	3 Contacts										
6A   =   6 Contacts     7   =   7 Contacts     GENDER   F   =   Female Socket Contacts     MA   =   Male Pin Contacts     MACHINED   Blank   =   Stamped Contacts     MACHINED   Blank   =   Stamped Contacts     MACHINED   Blank   =   Stamped Contacts     NOTE:   4-7 contact constrained contacts only (Applicable 3 male pin contacts only) (Applicable 3 male pin contacts only)   NOTE:     SHELL STYLE   D   =   Small Flange (front or rear mounting)     P   =   Large Shell with wide flange (male only)   Stamped Contacts     SHELL SERIES   Blank   =   Male P Shell Style only   Z     Z   =   Metal Chassis Series   =     TERMINATION   Blank   =   Nickel Plated Finish     B   =   Black Polyester Finish   =     CONTACT PLATING   Blank   =   Standard Plating (Silver or Tin - Refer to Standard Data.) (The protect spot plated a standard.)     V   =   Contact spot plated a standard.   =     MU   =   Gold Plated <td< td=""><td></td><td>4</td><td>=</td><td>4 Contacts</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>		4	=	4 Contacts										
7   =   7 Contacts     GENDER   F   =   Female Socket Contacts     M   =   Male Pin Contacts     MACHINED CONTACTS   Blank   =   Stamped Contacts     M   =   Machined Contacts		5	=	5 Contacts										
GENDER   F   =   Female Socket Contacts     MACHINED CONTACTS   Blank   =   Stamped Contacts     M   =   Machined Contacts     MOTE:   4.7 contact connectors have machined contacts only)     NOTE:   4.7 contact connectors have machined contacts     stamped contacts   standard. They are not available in stamped contacts.     SHELL STYLE   D   =     PN   =   Large Shell with wide flange     PN   =   Large Shell with arrow Flange     (male only)   Z   =     Z   =   Metal Chassis Series     TERMINATION   Blank   =   Nickel Plated Finish     B   =   Black Polyester Finish		6A	=	6 Contacts										
MACHINED CONTACTS   Blank   Stamped Contacts     M   =   Machined Contacts     M   =   Machined Contacts (Applicable 3 male pin contacts only)     NOTE:   4.7 contact connectors have machined contacts as standard. They are not available in stamped contacts.     SHELL STYLE   D   =     P   =   Large Shell with wide flange (male only)     SHELL SERIES   Blank   =     Z   =   Metal Chassis Series     TERMINATION   Blank   =     Nickel Plated Finish   B   =     CONTACT PLATING   Blank   =     Blank   =   Standard Plating (Silver or Tin - Refer to Standard Dlata) NOTE:     V   =   Contact spain plated as standard.     AU   =   Gold Plated     PACKAGING   Blank   =		7	=	7 Contacts										
MACHINED CONTACTS   Blank   =   Stamped Contacts (Applicable 3 male pin contacts only)     NOTE:   4 - 7 contact connectors have machined contacts as standard. They are not available in stamped contacts.	GENDER	F	=	Female Socket Contacts	1									
CONTACTS   M   =   Machined Contacts (Applicable 3 male pin contacts only) NOTE: 4 - 7 contact connectors have machined contacts as standard. They are not available in stamped contacts.     SHELL STYLE   D   =   Small Flange (front or rear mounting)     P   =   Large Shell with wide flange PN   =     SHELL SERIES   Blank   Male P Shell Style only     Z   =   Metal Chassis Series     TERMINATION   Blank   =     Blank   =   Nickel Plated Finish     B   =   Blank     B   =   Blank     AU   =   Gold Plated     PACKAGING   Blank   Individual Bags		М	=	Male Pin Contacts										
M   =   Machined Contacts (Applicable 3 male pin contacts only)     NOTE:   4 - 7 contact connectors have machined contacts as standard. They are not available in stamped contacts.     SHELL STYLE   D   =   Small Flange (front or rear mounting)     P   =   Large Shell with wide flange PN   =     PN   =   Large Shell with Narrow Flange (male only)   =     SHELL SERIES   Blank   =   Male P Shell Style only     Z   =   Metal Chassis Series     TERMINATION   Blank   =   Solder Buckets     V   =   Vertical Printed Circuit Board     SHELL FINISH   Blank   =   Black Polyester Finish     CONTACT PLATING   Blank   =   Standard Plating (Silver or Tin - Refer to Standard Data.) NOTE: 7 Contact is gold plated as standard. AU   =   Gold Plated     PACKAGING   Blank   =   Individual Bags		Blank	=	Stamped Contacts	1									
contacts as standard. They are not available in stamped contacts.     SHELL STYLE   D   =   Small Flange (front or rear mounting)     P   =   Large Shell with wide flange (male only)     SHELL SERIES   Blank   =   Male P Shell Style only     Z   =   Metal Chassis Series     TERMINATION   Blank   =   Solder Buckets     V   =   Vertical Printed Circuit Board     SHELL FINISH   Blank   =   Nickel Plated Finish     B   =   Black Polyester Finish     CONTACT PLATING   Blank   =     AU   =   Gold Plated     PACKAGING   Blank   =	CONTACTS	М	=											
mounting)   P   =   Large Shell with wide flange     PN   =   Large Shell with Narrow Flange     (male only)   SHELL SERIES   Blank   =     Z   =   Metal Chassis Series     TERMINATION   Blank   =   Solder Buckets     V   =   Vertical Printed Circuit Board     SHELL FINISH   Blank   =     B   =   Black Polyester Finish     CONTACT PLATING   Blank   =     AU   =   Gold Plated     PACKAGING   Blank   =		0	contacts as st	andard. They are not available in										
PN   =   Large Shell with Narrow Flange (male only)     SHELL SERIES   Blank   =   Male P Shell Style only     Z   =   Metal Chassis Series     TERMINATION   Blank   =   Solder Buckets     V   =   Vertical Printed Circuit Board     SHELL FINISH   Blank   =   Nickel Plated Finish     B   =   Black Polyester Finish     CONTACT PLATING   Blank   =     AU   =   Gold Plated     PACKAGING   Blank   =	SHELL STYLE	D	=		1									
SHELL SERIES   Blank   =   Male P Shell Style only     Z   =   Metal Chassis Series     TERMINATION   Blank   =   Solder Buckets     V   =   Vertical Printed Circuit Board     SHELL FINISH   Blank   =   Nickel Plated Finish     B   =   Black Polyester Finish     CONTACT PLATING   Blank   =     AU   =   Gold Plated     PACKAGING   Blank   =		Р	=	Large Shell with wide flange										
Z   =   Metal Chassis Series     TERMINATION   Blank   =   Solder Buckets     V   =   Vertical Printed Circuit Board     SHELL FINISH   Blank   =   Nickel Plated Finish     B   =   Black Polyester Finish     CONTACT PLATING   Blank   =     AU   =   Gold Plated as standard.     AU   =   Gold Plated     PACKAGING   Blank   =		PN	=											
TERMINATION   Blank   =   Solder Buckets     V   =   Vertical Printed Circuit Board     SHELL FINISH   Blank   =   Nickel Plated Finish     B   =   Black Polyester Finish     CONTACT PLATING   Blank   =     AU   =   Gold Plated     PACKAGING   Blank   =	SHELL SERIES	Blank	=	Male P Shell Style only										
V   =   Vertical Printed Circuit Board     SHELL FINISH   Blank   =   Nickel Plated Finish     B   =   Black Polyester Finish     CONTACT PLATING   Blank   =     Blank   =   Standard Plating ( Silver or Tin - Refer to Standard Data.) NOTE: 7 Contact is gold plated as standard.     AU   =   Gold Plated     PACKAGING   Blank   =		Z	=	Metal Chassis Series										
SHELL FINISH   Blank   =   Nickel Plated Finish     B   =   Black Polyester Finish     CONTACT PLATING   Blank   =   Standard Plating ( Silver or Tin - Refer to Standard Data.) NOTE: 7 Contact is gold plated as standard.     AU   =   Gold Plated     PACKAGING   Blank   =   Individual Bags	TERMINATION	Blank	=	Solder Buckets	1									
B   =   Black Polyester Finish     CONTACT PLATING   Blank   =   Standard Plating (Silver or Tin - Refer to Standard Data.) NOTE: 7 Contact is gold plated as standard.     AU   =   Gold Plated     PACKAGING   Blank   =		V	=	Vertical Printed Circuit Board						-				
CONTACT PLATING   Blank   =   Standard Plating (Silver or Tin - Refer to Standard Data.) NOTE: 7 Contact is gold plated as standard.     AU   =   Gold Plated     PACKAGING   Blank   =	SHELL FINISH	Blank	=	Nickel Plated Finish	1									
Refer to Standard Data.)   NOTE:   7 Contact is gold plated as standard.   AU Gold Plated   PACKAGING Blank Individual Bags		В	=	Black Polyester Finish										
AU Gold Plated   PACKAGING Blank Individual Bags	CONTACT PLATING	Blank	=	Refer to Standard Data.)	]									
		AU	=											
BULK = Bulk Packed	PACKAGING	Blank	=	Individual Bags	]									
		BULK	=	Bulk Packed										

Note: Non-Latching Versions (Female) available - Please contact us for part number options.

**STANDARD DATA** 

## STANDARD DATA AC SERIES CHASSIS - METAL "Z"

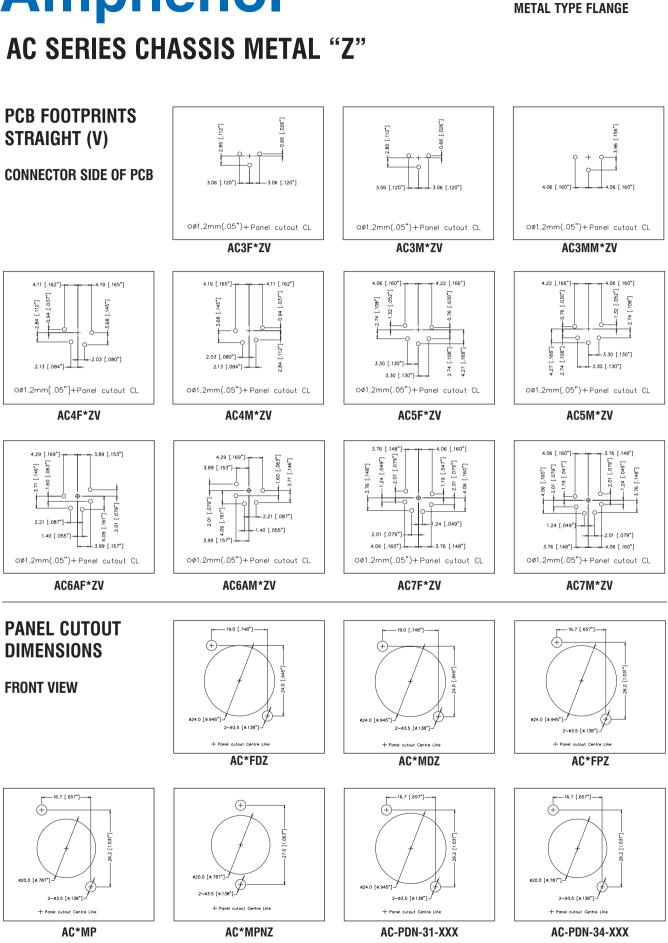
				VALUE					
GENERAL	Number of contacts	3	4	5	6A	7			
CHARACTERISTICS	Contact Arrangement (Front view of pin inserts)								
	Termination		Solder Buck	et / Printed Circuit	Board (PCB)				
	Max. Wire Gauge - Stranded wire: Solder Printed Circuit Board - PCB	14AWG N/A	16AWG N/A	18AWG N/A	18AWG N/A	20AWG N/A			
	Flammability rating of plastics			UL94V-0		·			
	Environmental		Complies w	ith RoHS Directive	2002/95/EC				
ELECTRICAL CHARACTERISTICS	Service Voltage RMS			133V <sup>1)</sup>					
UNANAUTENISTIUS	Test Voltage AC RMS			1400V					
	Current carrying capacity: Solder Printed Circuit Board (PCB)	15A 15A	10A 10A	7.5A 7.5A	7.5A 7.5A	5A 5A			
	Typical Contact Resistance	≤3mΩ							
	Insulation Resistance ≥1000MΩ								
CLIMATIC Characteristics	Protection Class	IP40							
UNANAUTENISTIUS	Operating Temperature		-25°C to	+75°C (-13°F to	+167°F)				
MECHANICAL Characteristics	Weight - Metal 2)	31g	32g	33g	33g	33g			
UNANAUTENISTIUS		(0.068lb)	(0.070lb)	(0.072lb)	(0.072lb)	(0.072lb)			
	Mechanical Operations			1000 mating cycle	S				
MATERIALS	Connector Shell	Diecast Zinc Alloy							
	Shell Finish	Satin Nickel or Black Polyester							
	Insulators	UL94V-0 PBT Resin or Modified PPE Resin							
	Male Contact								
	Stamped Solder and PCB-(Material/Plating)	) Phosphor Bronze / Silver or Gold (optional)							
	Machined Solder-(Material/Plating)	Brass / Silver or Gold (optional)							
	Female Contact								
	Stamped Solder and PCB-(Material/Plating)		Phosphor	Bronze / Tin or Go	old (optional)				
	Machined Solder-(Material/Plating) Brass / Silver or Gold (Optional)								

 $^{\scriptscriptstyle 1)}$  Not suitable for domestic applications above 50V

<sup>2)</sup> Approximate weight only, does not include packaging. Please contact us for exact weight for shipping purposes.

ENTERTAINMENT INTERCONNECT CATALOGUE - Amphenol Australia Pty Ltd Telephone 61 3 8796 8888 Fax 61 3 8796 8801

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AC SERIES CHASSIS CONNECTORS

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