

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 [*]]			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 [*]]]			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 [*]]			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 [*]]-			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 ⁻]			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 []]		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 [*]]		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
ELEPHENCU				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
		^{le} [.656*] ^{ed}		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 "]	r≠ 25.5 [1.006"]-= []	Nickel Finish	Vertical PCB	AC7MPNZV
	.36.8 [1.449 ^{-]}				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, PN (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										
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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										
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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"

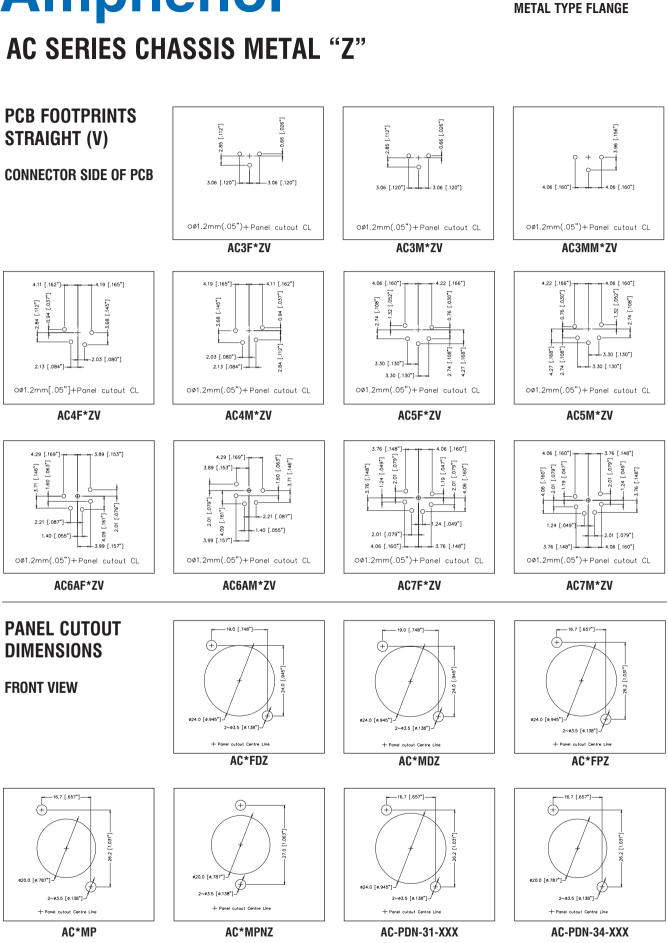
				VALUE					
GENERAL	Number of contacts	3	4	5	6A	7			
CHARACTERISTICS	Contact Arrangement (Front view of pin inserts)								
	Termination		Solder Buck	et / Printed Circuit	Board (PCB)				
	Max. Wire Gauge - Stranded wire: Solder Printed Circuit Board - PCB	14AWG N/A	16AWG N/A	18AWG N/A	18AWG N/A	20AWG N/A			
	Flammability rating of plastics			UL94V-0		·			
	Environmental		Complies w	ith RoHS Directive	2002/95/EC				
ELECTRICAL CHARACTERISTICS	Service Voltage RMS			133V ¹⁾					
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

²⁾ 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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