

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)

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 24 Specifications: Page 25 PCB Footprints: Page 26 Panel Cutouts: Page 26

PRODUCT - FIGURE	DRAWING	Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
A CONTRACTOR			XLR 3 pole male, D Flange,	Standard	AC3MMDZ
(Constant)			Machined contacts, Nickel Finish	Gold Plated Contacts	AC3MMDZ-AU
	19.0 [.748"] 2.7 [.106"]	5.5 [.217 [*]]	NICKEI FINIST	Vertical PCB	AC3MMDZV
FUTTIONA	24.0 [.945 ⁻]			Bulk Pack	AC3MMDZ BULK
			XLR 3 pole male, D Flange,	Standard	AC3MMDZB
9	- 26.0 [1.024"]-	→ 27.5 [1.082"]→ → 36.5 [1.437"]→	Machined contacts, Black Finish	Gold Plated Contacts	AC3MMDZB-AU
				Vertical PCB	AC3MMDZVB
and the second second				Bulk Pack	AC3MMDZB BULK
			XLR 3 pole male, D Flange,	Standard	AC3MDZ
Ce Con	19.0 [.748"] 19.0 19.		Stamped contacts, Nickel Finish	Gold Plated Contacts	AC3MDZ-AU
		5.5 [.217"]		Vertical PCB	AC3MDZV
and the second s				Bulk Pack	AC3MDZ BULK
		XLR 3 pole male, D Flange, Stamped contacts,	Standard	AC3MDZB	
9	→ 26.0 [1.024 [*]]→ → 32.1 [1.263 [*]]→ → 41.0 [1.614 [*]]→		Gold Plated Contacts	AC3MDZB-AU	
			Black Finish	Vertical PCB	AC3MDZVB
and the second s				Bulk Pack	AC3MDZB BULK
			XLR 3 pole female,	Standard	AC3FDZ
			D Flange, Stamped contacts, Nickel Finish	Gold Plated Contacts	AC3FDZ-AU
	-26.0 [1.024"] - 6.5 [.256"]		NICKEI FINISTI	Vertical PCB	AC3FDZV
Rithmanus.				Bulk Pack	AC3FDZ BULK
	- 31.0		XLR 3 pole female, D Flange,	Standard	AC3FDZB
	19.0 5.5 [.217"]	SOLDER CONTACTS ↓ 5.5 [.217"] → 33.1 [1.303"] → ↓ → ↓ → ↓ → ↓ → ↓ → ↓ → ↓ → ↓ → ↓ →	Stamped contacts, Black Finish	Gold Plated Contacts	AC3FDZB-AU
			diduk filiisi)	Vertical PCB	AC3FDZVB
				Bulk Pack	AC3FDZB BULK

METAL D TYPE FLANGE

PRODUCT - FIGURE	DRAWING	Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
			XLR 4 pole male, D Flange,	Standard	AC4MDZ
			Machined contacts, Nickel Finish	Gold Plated Contacts	AC4MDZ-AU
	19.0 [.748"]		NICKELLINISH	Vertical PCB	AC4MDZV
ascention of	24.0 [.945"]			Bulk Pack	AC4MDZ BULK
	31.0 [SOLDER CONTACTS	XLR 4 pole male, D Flange,	Standard	AC4MDZB
800	- 26.0 [1.024"]-		Machined contacts, Black Finish	Gold Plated Contacts	AC4MDZB-AU
				Vertical PCB	AC4MDZVB
and the second s				Bulk Pack	AC4MDZB BULK
			XLR 4 pole female, D Flange,	Standard	AC4FDZ
			Stamped contacts, Nickel Finish	Gold Plated Contacts	AC4FDZ-AU
	₽-26.0 [1.024"]-a			Vertical PCB	AC4FDZV
Lairenza C	PUSH			Bulk Pack	AC4FDZ BULK
			XLR 4 pole female, D Flange,	Standard	AC4FDZB
C Enter		SODER CONTACTS PEB CONTACTS →-5.5 [.2177] >22.0 [.866*]→ →-32.0 [1.260*]→ -36.2 [1.425*]→	Stamped contacts, Black Finish	Gold Plated Contacts	AC4FDZB-AU
				Vertical PCB	AC4FDZVB
Comments of the second s				Bulk Pack	AC4FDZB BULK
			XLR 5 pole male, D Flange, Machined contacts, Nickel Finish	Standard	AC5MDZ
12				Gold Plated Contacts	AC5MDZ-AU
	^{19.0} [.748"] -			Vertical PCB	AC5MDZV
and the second	24.0 [.945"]-			Bulk Pack	AC5MDZ BULK
			XLR 5 pole male, D Flange,	Standard	AC5MDZB
965	26.0 [1.024"]	□ SOLDER CONTACTS □ POB CONTACTS □ = 5.5 [.217"] = 27.5 [1.083"] = □ 32.1 [1.263"] = = 36.5 [1.437"] =	Machined contacts, Black Finish	Gold Plated Contacts	AC5MDZB-AU
			Diddk Finish	Vertical PCB	AC5MDZVB
				Bulk Pack	AC5MDZB BULK
			XLR 5 pole female, D Flange,	Standard	AC5FDZ
E			Machined contacts, Nickel Finish	Gold Plated Contacts	AC5FDZ-AU
	= 26.0 [1.024"]-=	<mark></mark> 6.5 [.256"]		Vertical PCB	AC5FDZV
1100-11-14				Bulk Pack	AC5FDZ BULK
	24.0 [.945"]- 		XLR 5 pole female, D Flange,	Standard	AC5FDZB
9	19.0 [.748*]	Solder CONTACTS	Machined contacts, Black Finish	Gold Plated Contacts	AC5FDZB-AU
	⊨ [.748 [*]] ^{-e4}	k→ 31.1 [1.224*] → k→ 36.2 [1.425*] →		Vertical PCB	AC5FDZVB
				Bulk Pack	AC5FDZB BULK

METAL D TYPE FLANGE

PRODUCT - FIGURE	DRAWING	Dim	ensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
-				XLR 6A pole male, D Flange,	Standard	AC6AMDZ
P A				Machined contacts, Nickel Finish	Gold Plated Contacts	AC6AMDZ-AU
	^{19.0}	2.7 [.106"]	5.5 [.217"]		Vertical PCB	AC6AMDZV
In the second second	-24.0 [1.220 ⁻]				Bulk Pack	AC6AMDZ BULK
	31.0 [SOLDER CONTACTS		XLR 6A pole male, D Flange,	Standard	AC6AMDZB
9/00	-26.0 [1.024*]		-27.5 [1.083"]	Machined contacts, Black Finish	Gold Plated Contacts	AC6AMDZB-AU
				DIACKTIIIISII	Vertical PCB	AC6AMDZVB
					Bulk Pack	AC6AMDZB BULK
				XLR 6A pole female, D Flange,	Standard	AC6AFDZ
				Machined contacts, Nickel Finish	Gold Plated Contacts	AC6AFDZ-AU
	⇔26.0 [1.024"]⊸	6.5 [.256"]			Vertical PCB	AC6AFDZV
AMERICAN	PUSH				Bulk Pack	AC6AFDZ BULK
	-24.0 [.945 []]			XLR 6A pole female,	Standard	AC6AFDZB
C and		SOLDER CONTACTS	22.0 [.866"]	D Flange, Machined contacts, Black Finish	Gold Plated Contacts	AC6AFDZB-AU
		امــــــــــــــــــــــــــــــــــــ			Vertical PCB	AC6AFDZVB
					Bulk Pack	AC6AFDZB BULK
2			-2.7 [.106"]	XLR 7 pole male, D Flange, Gold Plated Machined contacts, Nickel Finish	Standard	AC7MDZ
	19.0 [.748"] -	2.7 [.106"]			Vertical PCB	AC7MDZV
and the second s	-24.0 [1.220"]-				Bulk Pack	AC7MDZ BULK
8	-26.0 [1.024"]	SOLDER CONTACTS 5.5 [.217"] 3.2.1 [1.263"]	5 [.217"] - 27.5 [1.083"] -	XLR 7 pole male, D Flange, Gold Plated	Standard	AC7MDZB
				Machined contacts, Black Finish	Vertical PCB	AC7MDZVB
arrest C					Bulk Pack	AC7MDZB BULK
(Pural)				XLR 7 pole female, D Flange, Gold Plated Machined contacts,	Standard	AC7FDZ
	P-26.0 [1.024 [*]]-∽	6.5 [.256*]		Nickel Finish	Vertical PCB	AC7FDZV
and the second second					Bulk Pack	AC7FDZ BULK
(Particular)		SOLDER CONTACTS		XLR 7 pole female, D Flange, Gold Plated Machined contacts,	Standard	AC7FDZB
	19.0 [.748"]			Black Finish	Vertical PCB	AC7FDZVB
and the second second					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.

Specifications: Page 25 Part Number Breakdown: Page 24 Panel Cutouts: Page 26 PCB Footprints: Page 26

PRODUCT - FIGURE	DRAWING	Dime	ensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
				XLR 3 pole male, Narrow flange,	Standard	AC3MMPNZ
				Machined contacts, Nickel Finish	Gold Plated Contacts	AC3MMPNZ-AU
		2.4 [.094"]	₽-25.5 [1.004*]-	NICKEI FINISN	Vertical PCB	AC3MMPNZV
e					Bulk Pack	AC3MMPNZ BULK
				XLR 3 pole male, Narrow flange,	Standard	AC3MMPNZB
		32.1 [1.265"]	PCB CONTACTS 	Machined contacts, Black Finish	Gold Plated Contacts	AC3MMPNZB-AU
					Vertical PCB	AC3MMPNZVB
					Bulk Pack	AC3MMPNZB BULK
				XLR 3 pole male, Narrow flange,	Standard	AC3MPNZ
				Stamped contacts, Nickel Finish XLR 3 pole male,	Gold Plated Contacts	AC3MPNZ-AU
		2.4 [.094"]			Vertical PCB	AC3MPNZV
e	65 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °				Bulk Pack	AC3MPNZ BULK
					Standard	AC3MPNZB
		PCB CONTACTS PCB CONTACTS PCB CONTACTS PCB CONTACTS PCB CONTACTS PCB CONTACTS	Narrow flange, Stamped contacts,	Gold Plated Contacts	AC3MPNZB-AU	
				Black Finish	Vertical PCB	AC3MPNZVB
					Bulk Pack	AC3MPNZB BULK
				XLR 3 pole male,	Standard	AC3MMP
e .				Wide flange, Machined contacts, Nickel Finish	Gold Plated Contacts	AC3MMP-AU
		-2.4 [.094"]	r⊷25.0 [0.982"]~	NICKEI FINISN	Vertical PCB	AC3MMPV
Franker					Bulk Pack	AC3MMP BULK
	36.7 36.7			XLR 3 pole male,	Standard	AC3MMPB
Fa		SOLDER CONTACTS - 31.5 [1.238"]	PCB CONTACTS	Wide flange, Machined contacts, Black Finish	Gold Plated Contacts	AC3MMPB-AU
				DIACK FINISN	Vertical PCB	AC3MMPVB
and the second se					Bulk Pack	AC3MMPB BULK

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

METAL P TYPE FLANGE

PRODUCT - FIGURE	DRAWING	Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
			XLR 3 pole male, Wide flange,	Standard	AC3MP
E CO			Stamped contacts, Nickel Finish	Gold Plated Contacts	AC3MP-AU
		2.4 [.094"]		Vertical PCB	AC3MPV
harmond	[1:1039"]- [1:1039"]-			Bulk Pack	AC3MP BULK
	26. 7 26. 4		XLR 3 pole male, Wide flange,	Standard	AC3MPB
2		32.5 [1.278"] H25.0 [0.982"] 41.7 [1.640"] 1.640"]	Stamped contacts, Black Finish	Gold Plated Contacts	AC3MPB-AU
			Didok Fillish	Vertical PCB	AC3MPVB
and the second				Bulk Pack	AC3MPB BULK
			XLR 3 pole female, Wide flange,	Standard	AC3FPZ
Pursu			Stamped contacts, Nickel Finish	Gold Plated Contacts	AC3FPZ-AU
		3.5 [.138"]		Vertical PCB	AC3FPZV
and the second second				Bulk Pack	AC3FPZ BULK
		SOLDER CONTACTS	XLR 3 pole female, Wide flange, Stamped contacts, Black Finish	Standard	AC3FPZB
Const	16.7 [.656"]*	-2.5 [.098"]		Gold Plated Contacts	AC3FPZB-AU
				Vertical PCB	AC3FPZVB
Internation of the				Bulk Pack	AC3FPZB BULK
			XLR 4 pole male, Narrow flange, Machined contacts, Nickel Finish	Standard	AC4MPNZ
				Gold Plated Contacts	AC4MPNZ-AU
		2.4 [.094"] → 25.5 [1.004"] →		Vertical PCB	AC4MPNZV
	22.0 [1.063"]+			Bulk Pack	AC4MPNZ BULK
			XLR 4 pole male, Narrow flange,	Standard	AC4MPNZB
		OLDER CONTACTS PCB CONTACTS 32.1 [1.265"]	Machined contacts, Black Finish	Gold Plated Contacts	AC4MPNZB-AU
			Didok Fillish	Vertical PCB	AC4MPNZVB
				Bulk Pack	AC4MPNZB BULK
			XLR 4 pole male, Wide flange,	Standard	AC4MP
2			Machined contacts, Nickel Finish	Gold Plated Contacts	AC4MP-AU
		2.4 [.094"]		Vertical PCB	AC4MPV
-				Bulk Pack	AC4MP BULK
			XLR 4 pole male, Wide flange,	Standard	AC4MPB
Con la constante		SOLDER CONTACTS	Machined contacts, Black Finish	Gold Plated Contacts	AC4MPB-AU
			שומכת דווווסוו	Vertical PCB	AC4MPVB
CONTRACTOR OF	unermission of			Bulk Pack	AC4MPB BULK

METAL P TYPE FLANGE

PRODUCT - FIGURE	DRAWING	Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
Pusit			XLR 4 pole female, Wide flange,	Standard	AC4FPZ
			Stamped contacts, Nickel Finish	Gold Plated Contacts	AC4FPZ- AU
	-27.2 [1.070"]	.5 [.138"]		Vertical PCB	AC4FPZV
	PUSH			Bulk Pack	AC4FPZ BULK
			XLR 4 pole female, Wide flange,	Standard	AC4FPZB
		OLDER CONTACTS	Stamped contacts, Black Finish	Gold Plated Contacts	AC4FPZB- AU
	, 16.7 [.656"]**	30.6 [1.204"]		Vertical PCB	AC4FPZVB
and the second second				Bulk Pack	AC4FPZB BULK
			XLR 5 pole male, Narrow flange,	Standard	AC5MPNZ
			Machined contacts, Nickel Finish	Gold Plated Contacts	AC5MPNZ- AU
		[.094"] ⊷ 25.5 [1.006"]⊷		Vertical PCB	AC5MPNZV
0				Bulk Pack	AC5MPNZ BULK
	27.0 [1.065"		XLR 5 pole male, Narrow flange, Machined contacts, Black Finish	Standard	AC5MPNZB
	→22.2 [.874"]→ →22.2 [.874"]→ → 32.1 [1.265			Gold Plated Contacts	AC5MPNZB- AU
100		1 [1.265"] - 36.5 [1.439"]		Vertical PCB	AC5MPNZVB
				Bulk Pack	AC5MPNZB BULK
			XLR 5 pole male, Wide flange, Machined contacts, Nickel Finish	Standard	AC5MP
				Gold Plated Contacts	AC5MP- AU
	-27.2 [1.070"]	[1.070"]		Vertical PCB	AC5MPV
Lander				Bulk Pack	AC5MP BULK
	- 26.4 []		XLR 5 pole male, Wide flange,	Standard	AC5MPB
100		DER CONTACTS	Machined contacts, Black Finish	Gold Plated Contacts	AC5MPB- AU
			DIACKTIIIISII	Vertical PCB	AC5MPVB
Juneranceson				Bulk Pack	AC5MPB BULK
			XLR 5 pole female, Wide flange,	Standard	AC5FPZ
			Machined contacts, Nickel Finish	Gold Plated Contacts	AC5FPZ- AU
		.5 [.138"] - 		Vertical PCB	AC5FPZV
L				Bulk Pack	AC5FPZ BULK
(Ipper)			XLR 5 pole female, Wide flange	Standard	AC5FPZB
- Post		DLDER CONTACTS 2.5 [.098"] 0.6 [1.204"] → 34.0 [1.340"] →	Wide flange, Machined contacts, Black Finish	Gold Plated Contacts	AC5FPZB- AU
U.	L 1 He- 3(Vertical PCB	AC5FPZVB
Contraction of the				Bulk Pack	AC5FPZB BULK

METAL P TYPE FLANGE

PRODUCT - FIGURE	DRAWING	Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
-0			XLR 6A pole male, Narrow flange,	Standard	AC6AMPNZ
			Machined contacts, Nickel Finish	Gold Plated Contacts	AC6AMPNZ- AU
	2.4 [.0	94"] [~- 25.5 [1.006"]	NICKELLINISH	Vertical PCB	AC6AMPNZV
10				Bulk Pack	AC6AMPNZ BULK
			XLR 6A pole male, Narrow flange,	Standard	AC6AMPNZB
	Solder co -22.2 [.874"]= Solder co -22.2 [.874"]= Solder co -25.5 [1. -32.1 [1.]		Machined contacts, Black Finish	Gold Plated Contacts	AC6AMPNZB- AU
			DIACK FILLIST	Vertical PCB	AC6AMPNZVB
e				Bulk Pack	AC6AMPNZB BULK
			XLR 6A pole male,	Standard	AC6AMP
-			Wide flange, Machined contacts,	Gold Plated Contacts	AC6AMP- AU
	₽-27.2 [1.070 [*]]-• -• -• -• 	.094"] r≈25.0 [0.982"]≈	Nickel Finish	Vertical PCB	AC6AMPV
Cartan Cartan				Bulk Pack	AC6AMP BULK
			XLR 6A pole male,	Standard	AC6AMPB
C.	Solder cont 16.7 [.656 ⁻] 31.5 [1.23		Wide flange, Machined contacts, Black Finish	Gold Plated Contacts	AC6AMPB- AU
				Vertical PCB	AC6AMPVB
and the second second				Bulk Pack	AC6AMPB BULK
			XLR 6A pole female, Wide flange, Machined contacts, Nickel Finish	Standard	AC6AFPZ
		5 [.138"]		Gold Plated Contacts	AC6AFPZ- AU
				Vertical PCB	AC6AFPZV
				Bulk Pack	AC6AFPZ BULK
	36.8		XLR 6A pole female,	Standard	AC6AFPZB
		PCB CONTACTS	Wide flange, Machined contacts, Black Finish,	Gold Plated Contacts	AC6AFPZB- AU
	16.7 [.656"] - 31.1	[1.224"]		Vertical PCB	AC6AFPZVB
and the second second				Bulk Pack	AC6AFPZB BULK
			XLR 7 pole male, Narrow flange, Gold Plated	Standard	AC7MPNZ
		94"] ┍╾ 25.5 [1.006"] ╼┥	Machined contacts, Nickel Finish	Vertical PCB	AC7MPNZV
6				Bulk Pack	AC7MPNZ BULK
13		SOLDER CONTACTS -25.5 [1.006"]	XLR 7 pole male, Narrow flange, Gold Plated	Standard	AC7MPNZB
189			Machined contacts, Black Finish	Vertical PCB	AC7MPNZVB
0				Bulk Pack	AC7MPNZB BULK

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22

METAL P TYPE FLANGE

PRODUCT - FIGURE	DRAWING	Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
2			XLR 7 pole male, Wide flange, Gold Plated Machined contacts,	Standard	AC7MP
	- 27.2 [1.070"]		Nickel Finish	Vertical PCB	AC7MPV
Andrew Billion Control of	26.4 [1.039"]			Bulk Pack	AC7MP BULK
Pa		SOLDER CONTACTS - 31.5 [1.238"]	XLR 7 pole male, Wide flange, Gold Plated Machined contacts,	Standard	AC7MPB
		Black Finish	Vertical PCB	AC7MPVB	
Laurenser				Bulk Pack	AC7MPB BULK
e mail			XLR 7 pole female, Wide flange, Gold Plated Machined contacts,	Standard	AC7FPZ
	27.2 [1.071"]		Nickel Finish	Vertical PCB	AC7FPZV
- Aller				Bulk Pack	AC7FPZ BULK
ausit		SOLDER CONTACTS	XLR 7 pole female, Wide flange, Gold Plated Machined contacts,	Standard	AC7FPZB
	[.656*]			Vertical PCB	AC7FPZVB
Constant of the local division of the local				Bulk Pack	AC7FPZB BULK

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METAL TYPE FLANGE

PART NUMBER BREAKDOWN

METAL TYPE FLANGE

Z (Metal Chassis Ser	contacts, ies), Verti	cal Printed Circ		ERIES PREFIX		UIS CONTAC	SHELL	SHELL F	ERMIN	HON FINE	CONTR	FPLATING BL
- AU (Gold Plated Co	ntacts), B	ulk Packaged.	A	C 3	Μ	MF	PN 2	ZV	B	8 -	AU	BL
SERIES PREFIX	AC	=	Series Prefix									
CONTACT LAYOUTS	3	=	3 Contacts									
	4	=	4 Contacts									
	5	=	5 Contacts									
	6A	=	6 Contacts									
	7	=	7 Contacts									
GENDER	F	=	Female Socket Contacts									
	М	=	Male Pin Contacts									
MACHINED	Blank	=	Stamped Contacts									
CONTACTS	м	=	Machined Contacts (Applicable 3 male pin contacts only)									
	NOTE:		connectors have machined tandard. They are not available in									
SHELL STYLE	D	=	Small Flange(front or rear mounting)									
	Р	=	Large Shell with wide flange									
	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									
	В	=	Black Polyester Finish									
CONTACT PLATING	Blank	=	Standard Plating (Silver or Tin - Refer to Standard Data.) NOTE:									
	AU	=	7 Contact is gold plated as standard. Gold Plated									
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 CHARACTERISTICS	Number of contacts	3	4	5	6A	7			
GIARACTERISTICS	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⁾					
CHARACIERISTICS	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			
	Typicial Contact Resistance	≤ 3mΩ							
	Insulation Resistance	≥ 1000MΩ							
CLIMATIC CHARACTERISTICS	Protection Class	IP40							
CHARACTERISTICS	Operating Temperature		-25°C to) +75°C (-13°F to	+167°F)				
MECHANICAL Characteristics	Weight - Metal ²⁾	31g (0.068lb)	32g (0.070lb)	33g (0.072lb)	33g (0.072lb)	33g (0.072lb)			
	Mechanical Operations			1000 mating cycle	S				
MATERIALS	Connector Shell	Diecast Zinc Alloy							
	Shell Finish		Satin	Nickel or Black Po	lyester				
	Insulators		UL94V-0 F	BT Resin or Modifi	ed 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	ld (optional)				
	Machined Solder-(Material/Plating)		Brass / Silver or	Gold (Optional) - 4	socket is tin plated	I			

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

Rev 2 - 09/2005

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

METAL TYPE FLANGE

