



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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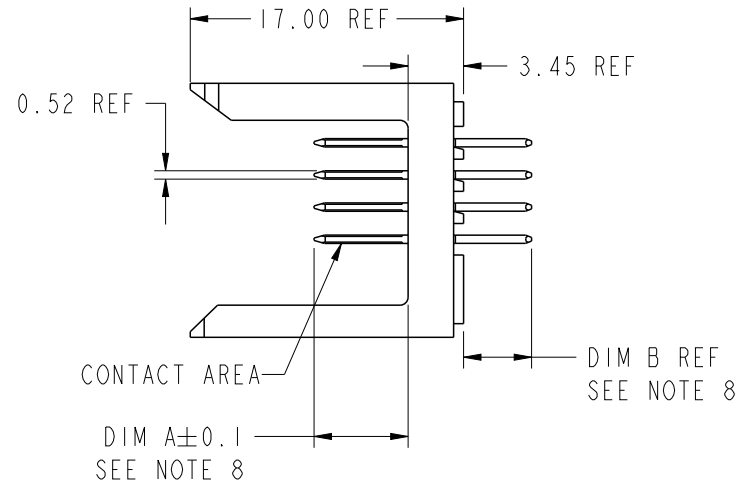
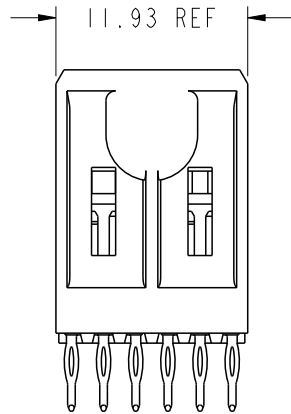
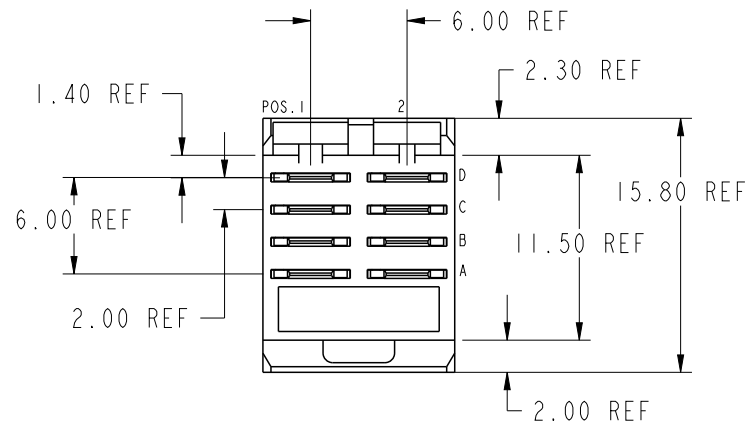
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PRODUCT NUMBER

70236-XYX

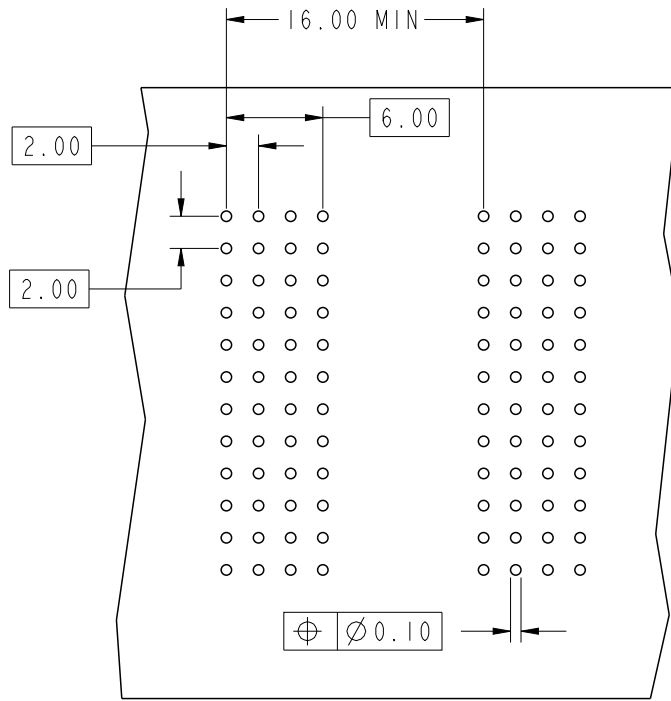
70236-XYXLF



PLATING IN CONTACT AREA

DASH NUMBER	PERFORMANCE LEVEL	NOTES
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-1YYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 10
-2YYLF	TELECOM CLASS	SEE NOTE 10
-5YYLF	TELCORDIA UE	SEE NOTE 10

spec ref	*	dr	Terran Huang	2010/07/09	projection	mm	size	A4	scale	21:10
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Narayanan, Aru	2018/07/26			ecn no	ELX-I-30251-1		
ISO 406		chr	-	-			rel level	Released		
ISO 1101		appr	K-Paul Biju	2018/08/09	product family	METRAL				
surface	linear				title	METRAL POWER HEADER	dwg no	70236	rev	AK
						I MOD, 4 ROW PRESS-FIT				
ISO 1302	angular				cat. no.	*	Product - Customer Drw	sheet 1 of 6		



REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
P01	6.50	4.30
P02	7.25	4.30
P03	8.00	4.30
P04	6.50	13.60
P05	7.25	13.60
P06	8.00	13.60
P07	6.50	17.00
P08	7.25	17.00
P09	8.00	17.00
P16	5.00	4.30
P17	5.75	4.30

spec ref		*		dr		Terran Huang		2010/07/09		projection				mm		size		A4		scale		21:10			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Narayanan, Aru		2018/07/26						ecn no		ELX-I-30251-1									
ISO 406																									
ISO 1101																									
chr				-		-																			
appr		K-Paul Biju		2018/08/09		product family		METRAL		rel level		Released													
surface		3.200				linear		0.X		±0.3				title		METRAL POWER HEADER		dwg no		70236		rev		AK	
0.XX		±0.13																							
0.XXX		±0.051																							
angular		0°						±2°																	
ISO 1302						cat. no.		-		Product - Customer Drw		sheet 2 of 6													

1				2				3				4											
METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I									
		I	2			I	2			I	2			I	2								
70236-X00 SEE NOTE 11 LEAD FREE OPTION	D	P03	P03	70236-X05 SEE NOTE 11 LEAD FREE OPTION	D	P01	P01	70236-X10 SEE NOTE 11 LEAD FREE OPTION	D	P16	P16	70236-X15 SEE NOTE 11 LEAD FREE OPTION	D	P02	P02								
	C	P02	P02		C	P01	P01		C	P16	P16		C	P02	P02								
	B	P01	P01		B	P01	P01		B	P16	P16		B	P02	P02								
	A	P03	P03		A	P03	P03		A	P16	P16		A	P02	P02								
METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I									
		I	2			I	2			I	2			I	2								
		70236-X01	D			P01	P01			70236-X06	D			P03	P03	70236-X11	D	P16	P16	70236-X20	D	P06	P06
		C	P01			P01	C			P02	P02			C	P16	P16	C	P05	P05	C	P04	P04	
SEE NOTE 11 LEAD FREE OPTION	B	P01	P01	SEE NOTE 11 LEAD FREE OPTION	B	P02	P02	SEE NOTE 11 LEAD FREE OPTION	B	P16	P16	SEE NOTE 11 LEAD FREE OPTION	B	P04	P04	SEE NOTE 11 LEAD FREE OPTION	B	P04	P04				
	A	P01	P01		A	P01	P01		A	P01	P01		A	P06	P06		A	P06	P06				
	METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I								
			I				2				I				2		I	2	I	2			
70236-X02			D	P01			P01	70236-X07			D	P01			P01	70236-X12	D	P01	P01	70236-X21	D	P04	P04
C			P02	P02			C	P01			P01	C			P17	P17	C	P04	P04	C	P04	P04	
SEE NOTE 11 LEAD FREE OPTION	B	P03	P03	SEE NOTE 11 LEAD FREE OPTION	B	P02	P02	SEE NOTE 11 LEAD FREE OPTION	B	P17	P17	SEE NOTE 11 LEAD FREE OPTION	B	P04	P04	SEE NOTE 11 LEAD FREE OPTION	B	P04	P04				
	A	P03	P03		A	P03	P03		A	P01	P01		A	P04	P04		A	P04	P04				
	METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I								
			I				2				I				2		I	2	I	2			
70236-X03			D	P01			P01	70236-X08			D	P03			P03	70236-X13	D	P17	P17	70236-X22	D	P04	P04
C			P01	P01			C	P03			P03	C			P17	P17	C	P05	P05	C	P04	P04	
SEE NOTE 11 LEAD FREE OPTION	B	P03	P03	SEE NOTE 11 LEAD FREE OPTION	B	P03	P03	SEE NOTE 11 LEAD FREE OPTION	B	P02	P02	SEE NOTE 11 LEAD FREE OPTION	B	P06	P06	SEE NOTE 11 LEAD FREE OPTION	B	P05	P05				
	A	P01	P01		A	P03	P03		A	P17	P17		A	P06	P06		A	P06	P06				
	METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I								
			I				2				I				2		I	2	I	2			
70236-X04			D	P02			P02	70236-X09			D	P03			P03	70236-X14	D	P17	P17	70236-X23	D	P04	P04
C			P03	P03			C	P03			P03	C			P17	P17	C	P04	P04	C	P06	P06	
SEE NOTE 11 LEAD FREE OPTION	B	P03	P03	SEE NOTE 11 LEAD FREE OPTION	B	P02	P02	SEE NOTE 11 LEAD FREE OPTION	B	P17	P17	SEE NOTE 11 LEAD FREE OPTION	B	P06	P06	SEE NOTE 11 LEAD FREE OPTION	B	P06	P06				
	A	P03	P03		A	P02	P02		A	P17	P17		A	P04	P04		A	P06	P06				

spec ref *				dr Terran Huang 2010/07/09		projection	mm	size A4		scale 1:10	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Narayanan, Aru 2018/07/26				ecn no ELX-I-30251-1			
ISO 406 ISO 1101				chr -							
surface 3.200				appr K-Paul Biju 2018/08/09		product family METRAL		rel level Released			
linear		0.X ±0.3	Amphenol FCi	title METRAL POWER HEADER 1 MOD, 4 ROW PRESS-FIT			dwg no 70236		rev AK		
		0.XX ±0.13									
		0.XXX ±0.051									
angular		0° ±2°	cat. no. -		Product - Customer Drw				sheet 3 of 6		

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X97	D	P01	P01
SEE NOTE 11 LEAD FREE OPTION	C	P03	P03
	B	P03	P03
	A	P02	P02

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X102	D	P02	P02
SEE NOTE 11 LEAD FREE OPTION	C	P02	P02
	B	P02	P03
	A	P02	P02



METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X98	D	P02	P02
SEE NOTE 11 LEAD FREE OPTION	C	P03	P03
	B	P03	P03
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X103	D	P05	P05
SEE NOTE 11 LEAD FREE OPTION	C	P05	P05
	B	P05	P06
	A	P05	P05



METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X99	D	P03	P03
SEE NOTE 11 LEAD FREE OPTION	C	P16	P16
	B	P16	P16
	A	P16	P16

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X100	D	P03	P03
SEE NOTE 11 LEAD FREE OPTION	C	P16	P16
	B	P16	P16
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X101	D	P03	P03
SEE NOTE 11 LEAD FREE OPTION	C	-	-
	B	P02	P02
	A	P01	P01

NOTES:

- FOR DIM A AND B SEE SHEET 2 AND UP.
- BODY MATERIAL: LIQUID CRYSTAL
POLYMER 30 % GLASS.
FLAME RETARDANT ACC. UL 94-V0.
- PIN MATERIAL:
PHOSPHOR BRONZE.
- PLATING ON PRESS-FIT TAIL:
70236 -XXX IS SnPb
70236-XXYLF IS SN (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE
LEVEL SHOWN IN TABLE.
- PRODUCT MARKING:
PART NUMBER DESIGNATION & BATCH I.D.
- ALL PRODUCTS WITH PART NUMBERS SHOWN IN
SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES.
IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P"
WILL BE ADDED TO THE END OF THE PART NUMBER.
EXAMPLE: XXXXX-XXXP OR XXXXX-XXXPLF
- PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH
QUALIFIED TOOL.
- A PLATING HAS Au FLASH IN PRESS FIT
AREA (LEAD FREE).
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE
EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN GS-22-008.
- FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
EXAMPLE: 70236-X01LF
- ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS
IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

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ISO 406		chr	-	-			rel level	Released		
ISO 1101		appr	K-Paul Biju	2018/08/09	product family	METRAL				
surface 3.200	linear				title	METRAL POWER HEADER	dwg no	70236	rev	AK
ISO 1302	angular					I MOD, 4 ROW PRESS-FIT				
					cat. no.	-	Product - Customer Drw	sheet 6 of 6		