



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

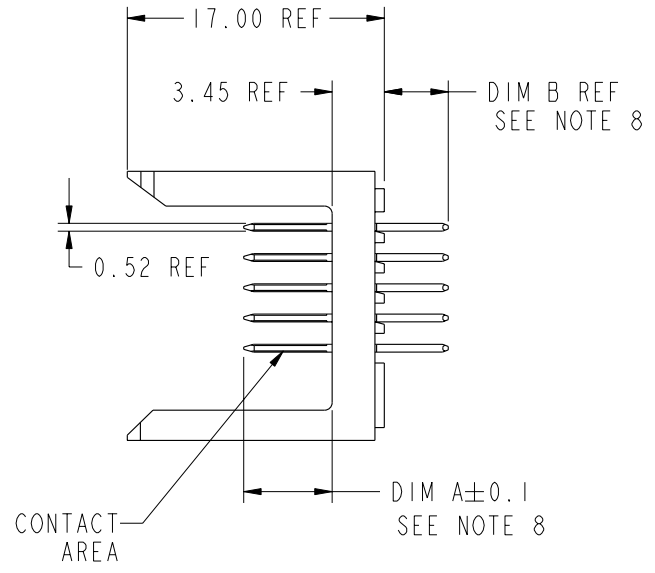
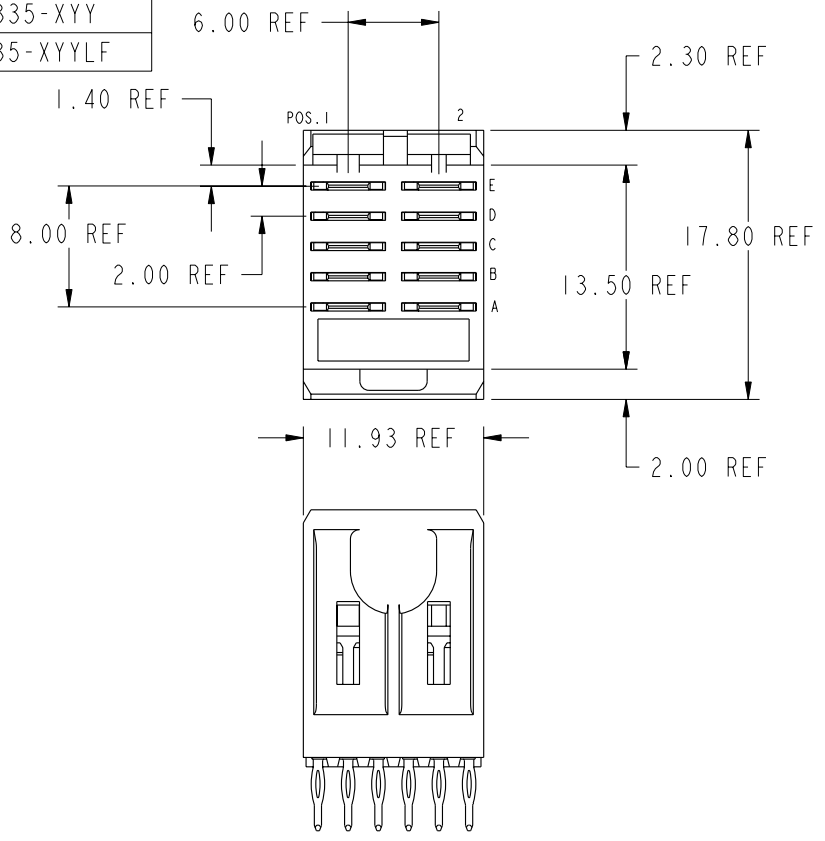
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PRODUCT NUMBER
85835-XYX
85835-XYXLF

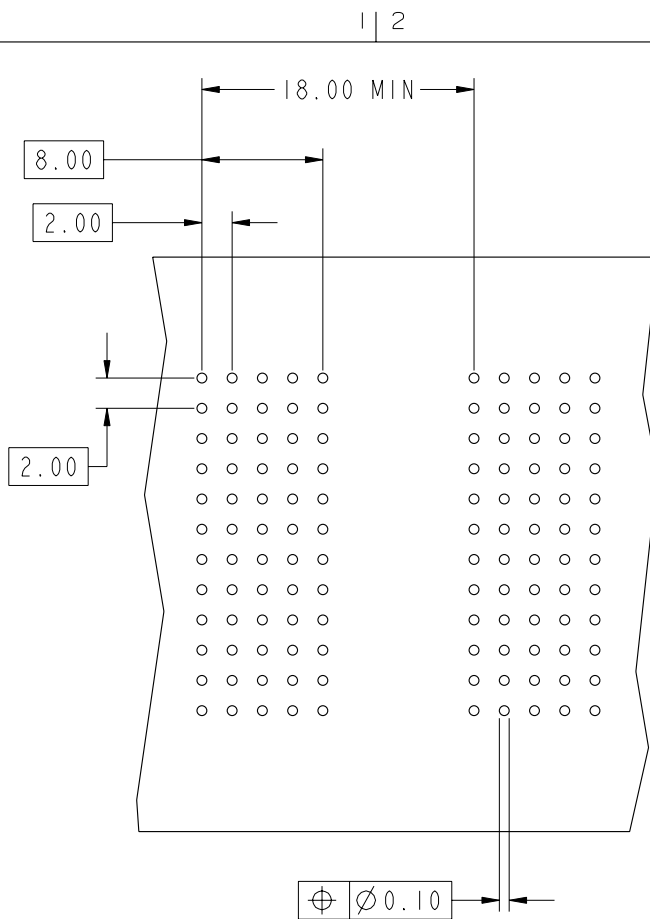


PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-9YY	TELCORDIA CO	-
-1YYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YYLF	TELECOM CLASS	SEE NOTE 9
-5YYLF	TELCORDIA UE	SEE NOTE 9

mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER		FCj		www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3				COPY		projection	title		product family		code	
H	V02643	JWS	10/18/00		0.XX ±0.13				MM			METRAL POWER HEADER		METRAL		213	
J	V11713	JWS	07/05/01		.XXX ±.051				2:1			1 MOD, 5 ROW PRESS-FIT		size		sheet	
K	V12474	LSS	10/10/01	angles	0° ±2°				scale		A		85835		1 of 3		
L	V04-0283	DAI	04/05/04	dr	T.BRUNGARD	11/19/99	MM		A		85835		1 of 3				
M	V05-0750	VS	08/22/05	engr	M.STRAWSER	11/19/99	MM		A		85835		1 of 3				
N	V06-0569	DCH	2006-06-13	chr	M.STRAWSER	11/19/99	MM		A		85835		1 of 3				
				appd	M.STRAWSER	02/29/00	MM		A		85835		1 of 3				
sheet index		revision sheet		N	N	N											
				1	2	3											

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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
P13	6.50	12.95
P16	5.00	4.30
P37	8.00	15.60

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:  
85835-XYX IS SnPb.  
85835-XYXLF 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 SEPCIFICATION BUS-20-075.
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- THE PRODUCTS WHERE THE PART NUMBER ENDS ON 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: 85835-X01LF
- ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		projection	title METRAL POWER HEADER 1 MOD, 5 ROW PRESS-FIT
N					0.XX ±0.13	MM			
					.XXX ±0.051	2:1			
				angles	0° ±2°	scale		product family METRAL	code 213
				dr	T.BRUNGARD 11/19/99	A			
				engr	M.STRAWSER 11/19/99			cage code 22526	4
				chr	M.STRAWSER 11/19/99				
				appd	M.STRAWSER 02/29/00				
sheet index	revision sheet								



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METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X01 SEE NOTE 10 LEAD FREE OPTION	E	P03	P03
	D	P02	P02
	C	P01	P01
	B	-	-
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X02 SEE NOTE 10 LEAD FREE OPTION	E	P05	P05
	D	P05	P05
	C	P06	P06
	B	P05	P05
	A	P05	P05

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X03 SEE NOTE 10 LEAD FREE OPTION	E	P01	P01
	D	P01	P01
	C	P01	P01
	B	P02	P02
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X04 SEE NOTE 10 LEAD FREE OPTION	E	P03	P03
	D	P02	P02
	C	P01	P01
	B	P01	P01
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X05 SEE NOTE 10 LEAD FREE OPTION	E	P06	P06
	D	P05	P05
	C	P04	P04
	B	P04	P04
	A	P04	P04

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X06 SEE NOTE 10 LEAD FREE OPTION	E	P03	P03
	D	P03	P03
	C	P04	P04
	B	P04	P04
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X07 SEE NOTE 10 LEAD FREE OPTION	E	P03	P03
	D	P03	P03
	C	P03	P03
	B	P03	P03
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X08 SEE NOTE 10 LEAD FREE OPTION	E	P01	P01
	D	P03	P03
	C	P02	P02
	B	P01	P01
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X09 SEE NOTE 10 LEAD FREE OPTION	E	P01	P01
	D	P02	P02
	C	P03	P03
	B	-	-
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X10 SEE NOTE 10 LEAD FREE OPTION	E	P02	P02
	D	-	-
	C	P01	P01
	B	P01	P01
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X11 SEE NOTE 10 LEAD FREE OPTION	E	-	-
	D	P03	P03
	C	P02	P02
	B	P01	P01
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X12 SEE NOTE 10 LEAD FREE OPTION	E	P03	P03
	D	P03	P03
	C	-	-
	B	P03	P03
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X13 SEE NOTE 10 LEAD FREE OPTION	E	P16	P16
	D	-	-
	C	P01	P01
	B	-	-
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X14 SEE NOTE 10 LEAD FREE OPTION	E	P13	P13
	D	P13	P13
	C	P05	P05
	B	P37	P37
	A	P37	P37

mat'l code				tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY			title METRAL POWER HEADER 1 MOD, 5 ROW PRESS-FIT		
N					0.XX ±0.13	projection					
					.XXX ±.051						
				angles	0° ±2°			product family METRAL	code 213		
				dr	T.BRUNGARD	11/19/99	size A			dwg no 85835	sheet 3
				engr	M.STRAWSER	11/19/99					
				chr	M.STRAWSER	11/19/99					
				appd	M.STRAWSER	02/29/00					
sheet index	revision sheet										

B

B