



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!



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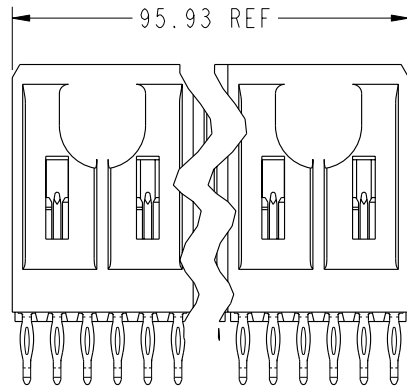
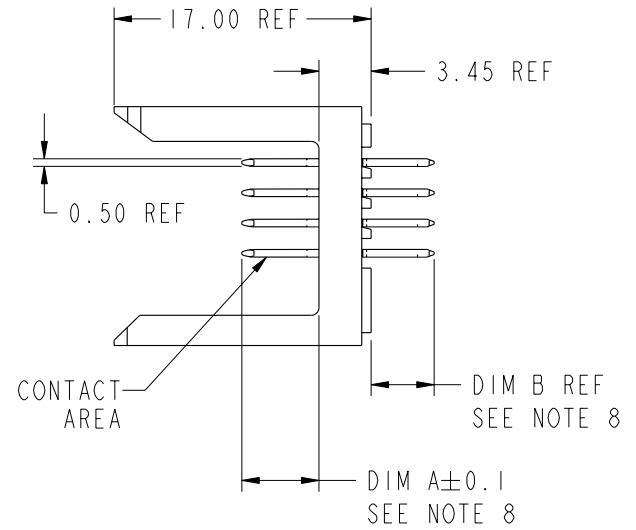
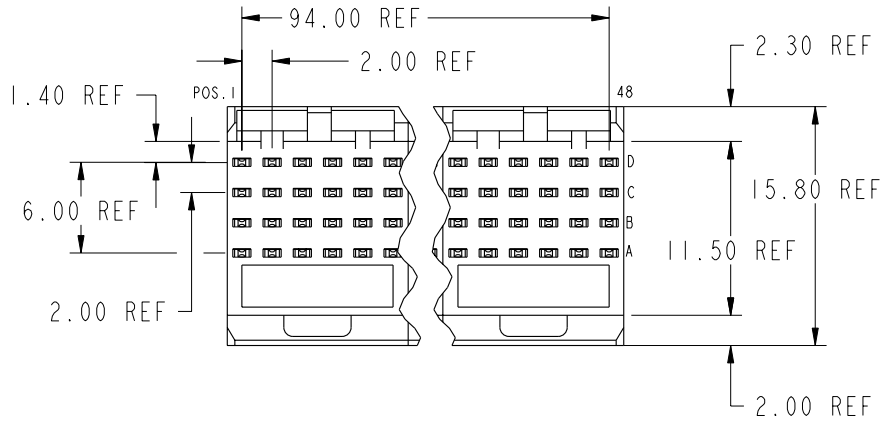
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832


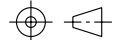

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



PRODUCT NUMBER
SEE TABLE

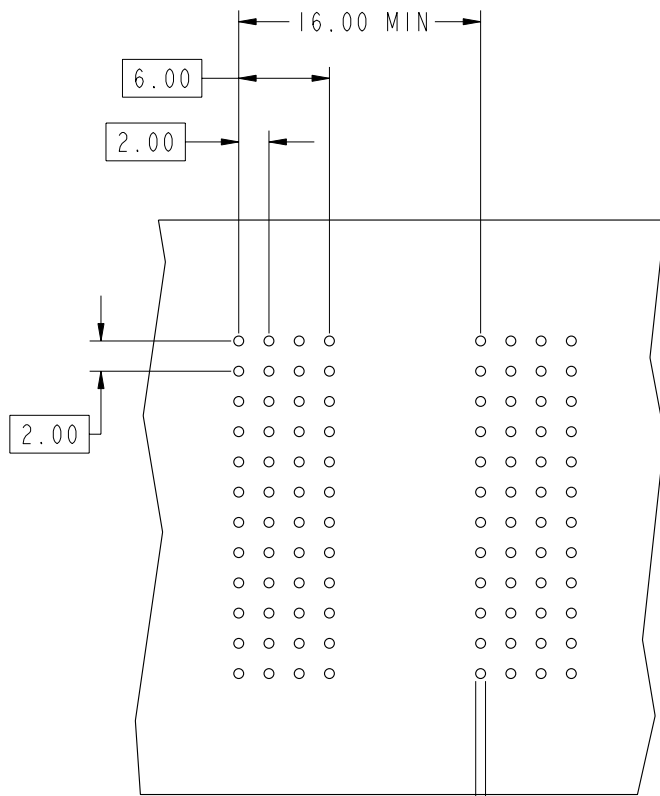


mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER			 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ± 0.3				COPY			 title METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT		product family METRAL code size dwg no 213 sheet 1 of 11		
-	-	-	-		0.XX ± 0.13				projection							
Y	V04-0701	TAB	07/29/04		.XXX ± 0.051				 angles							
AA	V04-1216	TAB	12/23/04	dr	T.BRUNGARD	11/19/99	MM			scale		A				
AB	V05-0115	HTB	02/02/05	engr	M.STRAWSER	11/19/99	2:1			A		85666				
AC	V05-0362	VS	05/05/05	chr	M.STRAWSER	11/19/99										
AD	V05-1030	LP	11/18/05	appd	M.STRAWSER	02/29/00										
sheet index	revision sheet	AE	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD

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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
1	5.00	4.30
2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
5	5.00	13.60
6	5.75	13.60
7	6.50	13.60
8	7.25	13.60
10	5.75	17.00
11	6.50	17.00
12	7.25	17.00
19	8.00	4.30
20	8.00	13.60

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
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AE					0.XX ±0.13	projection			
					.XXX ±.051	 scale 1:1			
				angles	0° ±2°				
				dr	T.BRUNGARD	11/19/99			
				enr	M.STRAWSER	11/19/99			
				chr	M.STRAWSER	11/19/99			
				appd	M.STRAWSER	02/29/00			
sheet index	revision sheet								

cage code 22526

Pro/E

PDM: Rev:AE


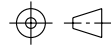

STATUS: Released

Printed: May 16, 2009

PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
85666-AYY	STANDARD	Au FLASH	TELCORDIA CO
85666-NIYY	STANDARD	TIN LEAD	TELCORDIA CO (NXT)
85666-N5YY	STANDARD	TIN LEAD	TECORDIA UE (NXT)
85666-IYY	STANDARD	TIN LEAD	TELCORDIA CO
85666-2YY	STANDARD	TIN LEAD	TELECOM CLASS
85666-3YY	STANDARD	TIN LEAD	IEC CLASS I
85666-5YY	STANDARD	TIN LEAD	TELCORDIA UE
85666-9YY	STANDARD	TIN LEAD	TELCORDIA CO
85666-AYYLF	LEAD FREE	Au FLASH	TELCORDIA CO, SEE NOTES 10 AND 11
85666-NIYYLF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 10 AND 11
85666-N5YYLF	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 10 AND 11
85666-IYYLF	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS I, SEE NOTES 10 AND 11
85666-2YYLF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 10 AND 11
85666-5YYLF	LEAD FREE	TIN	TELCORDIA UE, SEE NOTES 10 AND 11

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 AREA SEE PRODUCT NUMBER TABLE. PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET3.
- 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 NUMBERS ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
- ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING 85666-N1--- OR 85666-N5--- WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS 85666-N1--- AND 85666-N5--- WILL NOT WITHSTAND REFLOW AND THE Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140 DEGREES C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		title	
AE				linear	0.XX ±0.13	projection		METRAL SIGNAL HEADER	
				angles	.XXX ±.051			8 MOD, 4 ROW PRESS-FIT	
				dr	T.BRUNGARD 11/19/99	MM		product family	
				engr	M.STRAWSER 11/19/99			METRAL	
				chr	M.STRAWSER 11/19/99	scale		code	
				appd	M.STRAWSER 02/29/00	1:1		213	
sheet index		revision sheet						sheet	
								3	



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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8													
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85666-X01 AND 85666-X01LF	D	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	3	2	2	
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8														
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8															
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8																
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8															
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sheet index		revision sheet										sheet				4				

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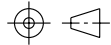

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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8													
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85666-X12 AND 85666-X12LF	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8													
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85666-X13 AND 85666-X13LF	D	5	5	5	5	5	5	5	5	5	5	5	1	1	1	1	1	1	5	5	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
85666-X14 AND 85666-X14LF	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
85666-X15 AND 85666-X15LF	D	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	C	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

mat'l code				--		tolerances unless otherwise specified				CUSTOMER				 www.fcjconnect.com			
ltr	ecn no.	dr	date	linear	0.X ±0.3				COPY				title				
AE					0.XX ±0.13				projection				METRAL SIGNAL HEADER				
					.XXX ±.051								8 MOD, 4 ROW PRESS-FIT				
				angles	0° ±2°								product family				
					dr T.BRUNGARD 11/19/99				METRAL				code				
				engr M.STRAWSER 11/19/99				size				213					
				chr M.STRAWSER 11/19/99				A				sheet					
				appd M.STRAWSER 02/29/00				85666				6					
sheet index		revision sheet															

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