



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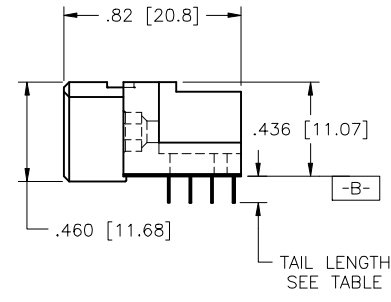
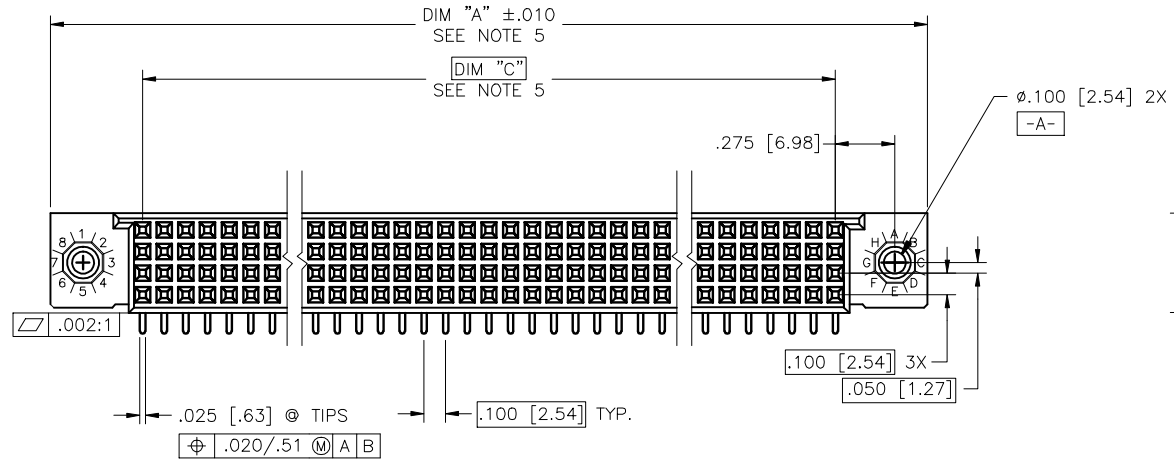
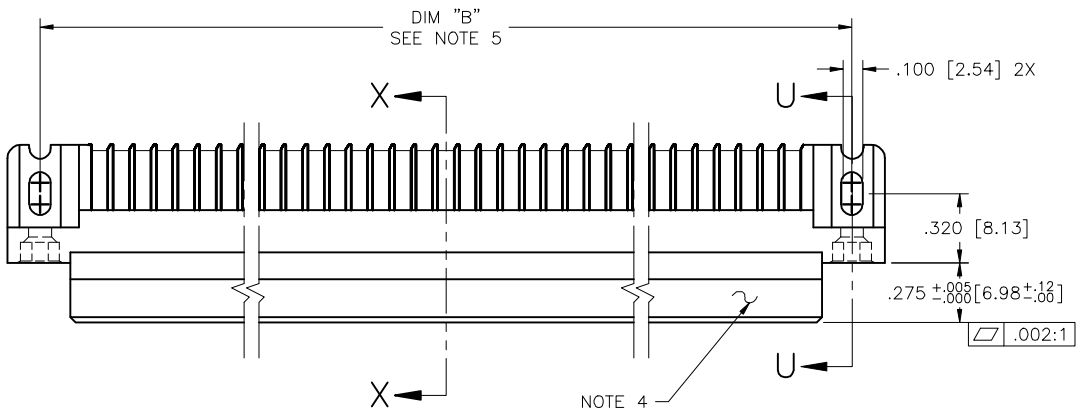
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





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PRODUCT NUMBER  
SEE TABLE



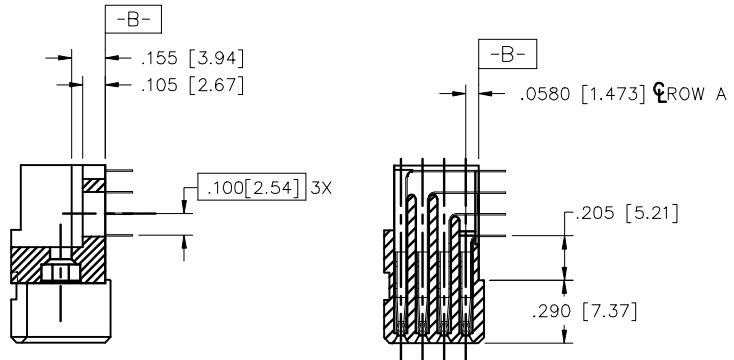
mat'l. code SEE NOTE 3				surface ISO 1302	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title 4 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN
K	V50266	SAR	9/5/95	angles	.XX±.01/XX±0.3		
L	V82251	HTB	12/28/98	linear	.XXX±.06/XX±0.13	scale 1:1	dwg no 50003
M	V00253	JWS	1/12/00	0'±2'	.XXX±.0020/XXX±0.051		sheet 1 of 4 size A3
N	V05-0513	DAI	10/19/05	dr	D.SHEAFER	1/7/90	type Product Customer Drawing
P	M06-0283	MHT	7/27/06	engr	S.CLARK	1/7/90	
R	M07-0136	AGS	2/26/07	chr	S.CLARK	1/7/90	
S	M08-0280	AGS	9/30/08	appd	S.CLARK	1/7/90	
sheet	revision	S	S	S	S		
index	sheet	1	2	3	4		

PRODUCT NUMBER  
SEE TABLE

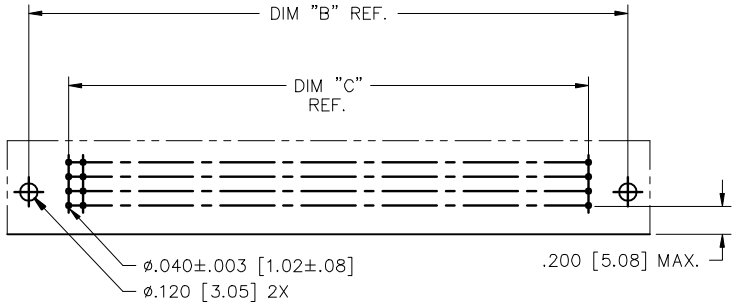
NOTES:

1. PRODUCT NUMBERING CODE:  
50003 - X YYY Z LF  
LEAD FREE (OPTIONAL)  
TAIL LENGTH SEE TABLE  
NO. OF POSITIONS SEE NOTE 2  
PLATING SEE TABLE  
BASE NUMBER

PRODUCT NUMBERING CODE FOR  
SELECT LEAD PART NUMBERS:  
50003 - XXYYY LF  
LEAD FREE (OPTIONAL)  
SEQUENCE NUMBER  
ALWAYS 'XX'  
BASE NUMBER



SECTION U-U      SECTION X-X



RECOMMENDED PCB LAYOUT  
(ALL HOLES LOCATED ON .100 [2.54] GRID  
UNLESS OTHERWISE SPECIFIED)

- ② THIS PRODUCT IS CONFIGURED IN SIZES OF 6 THRU 80 COLUMNS IN INCREMENTS OF ONE. i.e.: 6,7,8,9.....79,80.
- ③ HOUSING MATERIAL: GLASS AND MINERAL FILLED THERMOPLASTIC. CONTACT MATERIAL: BeCu
- ④ COMPANY NAME, PART NUMBER AND LOT CODE TO APPEAR ON THIS SURFACE PER BUS-12-108.
- ⑤ LENGTH FORMULAS  
DIM A =  $.100/2.54 \times \text{NO. OF COLUMNS} + .75/19.1$   
DIM B =  $.100/2.54 \times \text{NO. OF COLUMNS} + .450/11.43$   
DIM C =  $.100/2.54 \times \text{NO. OF COLUMNS} - .100/2.54$
- 6. PRODUCT WITH 'LF' SUFFIX MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DISCRIBED IN GS-22-008.
- 7. THIS HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 10-30 SECONDS IN CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- ⑧ DUE TO SPECIAL PLATING, LF NOT AVAILABLE FOR 50003-XX002.
- ⑨ PLATING OPTION:  
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

mat'l. code SEE NOTE 3		surface ISO 1302	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC
ltr	ecn no	dr	date	tolerances unless otherwise specified	title 4 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN
S				linear XX±.01/XX±0.3 XXX±.006/XXX±0.13 O'±2' XXXX±.0020/XXXX±0.051	scale 1:1
		dr	D.SHEAFER	1/7/90	dwg no 50003
		engr	S.CLARK	1/7/90	sheet 2 of 4 size A3
		chr	S.CLARK	1/7/90	type Product Customer Drawing
		appd	S.CLARK	1/7/90	
sheet	revision				
index	sheet				



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PRODUCT NUMBER	NUMBER OF POSITIONS SEE NOTE 2	TAIL LENGTH	CONTACT PLATING NOTE 9	TAIL PLATING
50003-1YYYY	YYY	.125±.010 / 3.18±0.25	30u" /0.76u Au	TIN/LEAD
50003-1YYYYELF	YYY	.125±.010 / 3.18±0.25	30u" /0.76u Au	TIN
50003-1YYYYF	YYY	.145±.010 / 3.68±0.25	30u" /0.76u Au	TIN/LEAD
50003-1YYYYFLF	YYY	.145±.010 / 3.68±0.25	30u" /0.76u Au	TIN
50003-1YYYYH	YYY	.180±.010 / 4.57±0.25	30u" /0.76u Au	TIN/LEAD
50003-1YYYYHLF	YYY	.180±.010 / 4.57±0.25	30u" /0.76u Au	TIN
50003-3YYYY	YYY	.125±.010 / 3.18±0.25	50u" /1.27u Au	TIN/LEAD
50003-3YYYYELF	YYY	.125±.010 / 3.18±0.25	50u" /1.27u Au	TIN
50003-3YYYYF	YYY	.145±.010 / 3.68±0.25	50u" /1.27u Au	TIN/LEAD
50003-3YYYYFLF	YYY	.145±.010 / 3.68±0.25	50u" /1.27u Au	TIN
50003-5YYYY	YYY	.125±.010 / 3.18±0.25	30u" /0.76u GXT	TIN/LEAD
50003-5YYYYELF	YYY	.125±.010 / 3.18±0.25	30u" /0.76u GXT	TIN
50003-5YYYYF	YYY	.145±.010 / 3.68±0.25	30u" /0.76u GXT	TIN/LEAD
50003-5YYYYFLF	YYY	.145±.010 / 3.68±0.25	30u" /0.76u GXT	TIN
50003-5YYYYH	YYY	.180±.010 / 4.57±0.25	30u" /0.76u GXT	TIN/LEAD
50003-5YYYYHLF	YYY	.180±.010 / 4.57±0.25	30u" /0.76u GXT	TIN
50003-XX002	YYY	.125±.010 / 3.18±0.25	80u" /2.03u Au	TIN/LEAD

NOTE 8



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mat'l. code		NOTE 8		surface		ISO 1302		tolerance		ISO 406		projection		product family	
ltr		ecp no		dr		date		tolerances unless otherwise specified		linear		INCH/MM		HPC	
S								.XX±.01/XX±0.3		XXX±.006/XXX±0.13		scale 1:1		title	
								0'±2'		XXX±.0020/XXX±0.051				4 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN	
								dr		D.SHEAFER		1/7/90		dwg no	
								engr		S.CLARK		1/7/90		sheet 4 of 4 size	
								chr		S.CLARK		1/7/90		A3	
								appd		S.CLARK		1/7/90		type	
sheet		revision												Product Customer Drawing	
index		sheet													

form A3