



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

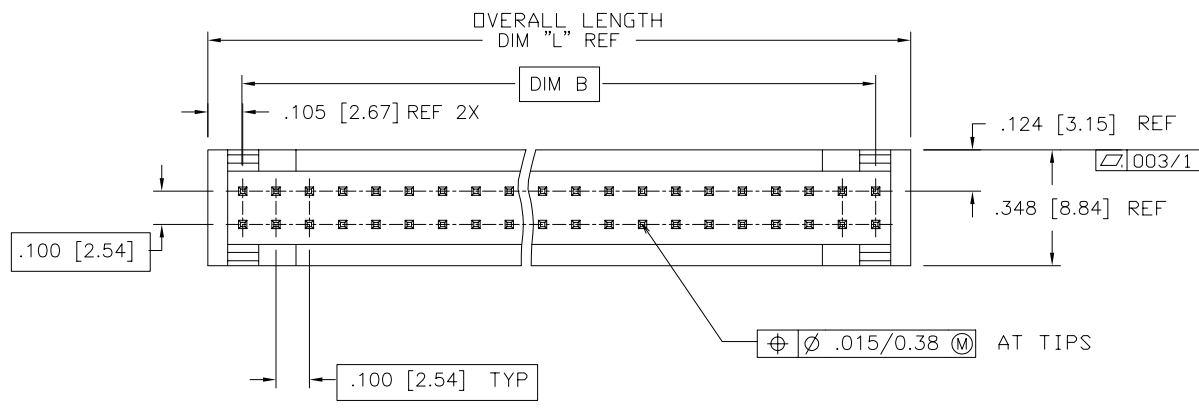
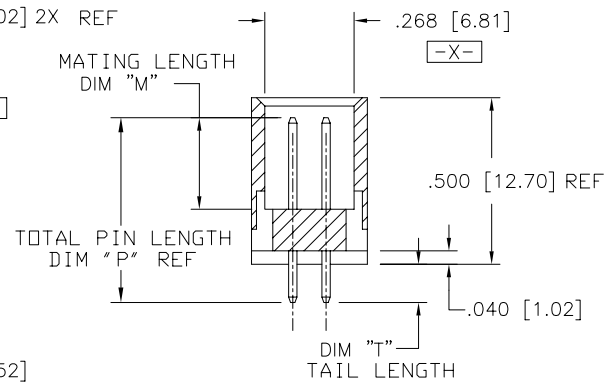
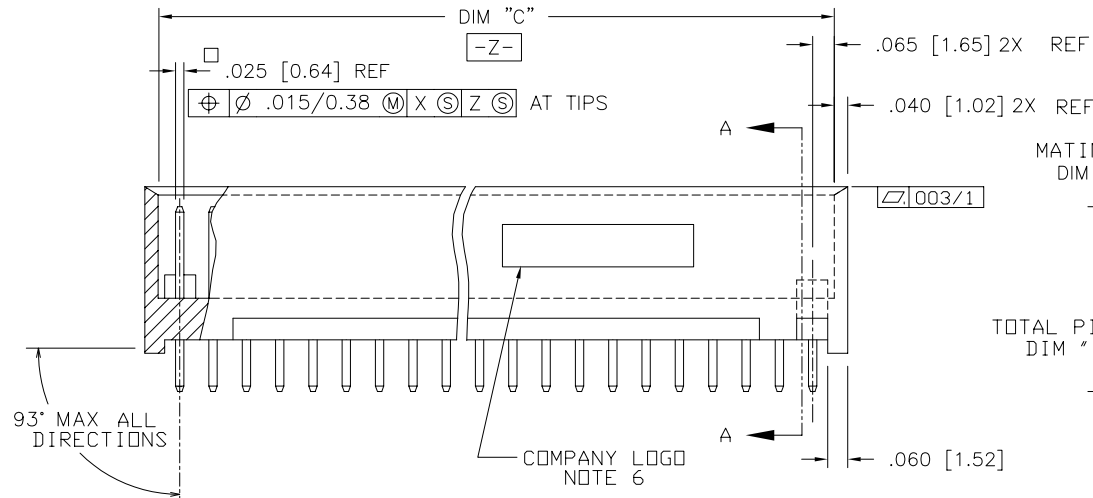
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PRODUCT NUMBER
SEE TABLE



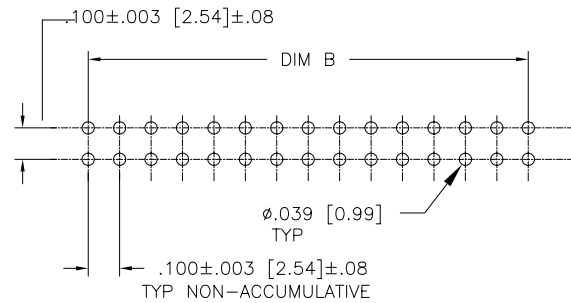
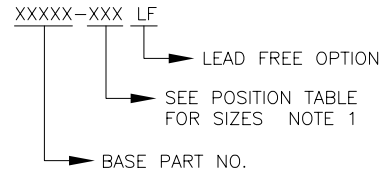
mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family HEADERS	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title	
E	REDRAWN	RLS	11/21/88	angles	.XX±.01/.3	INCH/MM		VERTICAL STACKING 2-ROW HEADER	
F	REVISED	MRC	5/23/91	linear	.XXX±.005/.13	scale 2:1		.500/12.70 W/O MOUNTING HOLES	
G	V13306	JWB	12/17/91	0°±2'	.XXXX±.0020/.051			dwg no	
H	v50569	MDF	8/11/95	dr	M. FETROW	8/11/95			sheet 1 of 4
J	v71450	HTB	10/7/97	engr	L. FYE	8/11/95	69916		A3
K	M05-0089	ERE	5/20/05	chr	T. BREWBAKER	8/11/95	type		Product Customer Drawing
L	M06-0289	AGS	7/29/06	appd	L. FYE	8/11/95			
sheet	revision	L	L	L	L	L			
index	sheet	1	2	3	4				



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POSITION TABLE	
PRODUCT NO	SIZE
XXXXX-001	2X5
-002	2X6
-003	2X7
-004	2X8
-005	2X9
-006	2X10
-007	2X11
-008	2X12
-009	2X13
-010	2X14
-011	2X15
-012	2X16
-013	2X17
-014	2X18
-015	2X19
-016	2X20
-017	2X21
-018	2X22
-019	2X23
-020	2X24
-021	2X25
-022	2X26
-023	2X27
-024	2X28
-025	2X29
-026	2X30
-027	2X31
-028	2X32
-029	2X33
-030	2X34
-031	2X35
XXXXX-032	2X36

PART NUMBER INFORMATION



RECOMMENDED PC BOARD LAYOUT
SCALE 2/1

NOTES

- ① SEE POSITION TABLE FOR PRODUCT NO AND SIZE TABULATION. HOUSING DASH NO IS SAME AS HEADER DASH NO.
- ② DIM B =
(NO OF COLUMNS - 1) TIMES .100 (ENGLISH)
(NO OF COLUMNS - 1) TIMES 2.54 (METRIC)
- ③ MOLDING MATERIAL: 20% MIN GLASS FILLED NYLON PER UL 94V-0. COLOR: BLACK, OXYGEN INDEX 36.
- ④ TERMINAL MATERIAL: 3/4 HARD PHOS BRONZE ALLOY UNS C51000.
5. PIN RETENTION TO BE 3 LBS./1.4 KGS MINIMUM PER PIN IN EITHER DIRECTION.
- ⑥ COMPANY LOGO TO BE MOLDED IN APPROX LOCATION SHOWN.
- 7.UL/CSA APPROVED.
- ⑧ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
9. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.
- ⑩ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- ⑪ PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

mat'l. code		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HEADERS
ltr	ecn	no	dr	date	title
L					VERTICAL STACKING 2-ROW HEADER
					.500/12.70 W/O MOUNTING HOLES
					scale 2:1
					dwg no 69916
					sheet 2 of 4
					size A3
					type Product Customer Drawing
sheet index	revision sheet				

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PRODUCT NO NOTE 8	TERMINAL PLATING NOTE 11
69916-XXX	30u"/0.76u MIN Au OVER 50u"/1.27u Ni.
69916-033	30u"/0.76u MIN Au OVER 50u"/1.27u Ni.
69916-034	30u"/0.76u MIN Au OVER 50u"/1.27u Ni.
86363-XXX	15u"/0.38u Pd Ni WITH GOLD FLASH
88809-021	30u"/0.76u MIN Au OVER 50u"/1.27u Ni.



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mat'l. code		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family HEADERS
ltr	ecn no dr	date		title	
L				VERTICAL STACKING 2-ROW HEADER	
		angles	linear	INCH/MM	.500/12.70 W/O MOUNTING HOLES
		0°±2'	.XX±.01/.3 .XXX±.005/.13 .XXX±.0020/.051	scale 2:1	
		dr	M. FETROW	8/11/95	dwg no
		enr	L. FYE	8/11/95	sheet 3 of 4
		chr	T. BREWBAKER	8/11/95	size
		appd	L. FYE	8/11/95	A3
sheet index	revision sheet				type Product Customer Drawing

PRODUCT NO NOTE 8	SIZE	DIM "B"	DIM "C"	DIM "L"	TAIL LENGTH DIM "T"	MATING LENGTH DIM "M"	TOTAL PIN LENGTH DIM "P"
69916-XXX	NOTE 1	NOTE 2	DIM "B" +.130/3.30	DIM "B" +.210/5.33	.103/2.62 MIN .130/3.30 MAX	.275±.010 6.99±0.25	.555/14.10
69916-033	2 x 8	.700/17.78	.83/21.1	.91/23.1	.148±.008 3.76±0.20	.275±.010 6.99±0.25	.585/14.86
69916-034	2 x 15	1.400/35.56	1.53/38.9	1.61/41.0	.148±.008 3.76±0.20	.275±.010 6.99±0.25	.585/14.86
86363-XXX	NOTE 1	NOTE 2	DIM "B" +.130/3.30	DIM "B" +.210/5.33	.103/2.62 MIN .130/3.30 MAX	.275±.010 6.99±0.25	.555/14.10
88809-021	2 x 25	2.400/60.96	2.53/64.3	2.61/66.3	.130±.015 3.30±0.38	.290±.010 7.37±0.25	.585/14.86



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mat'l. code		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family HEADERS
ltr	ecn no dr	date		tolerances unless otherwise specified	
L				linear .XX±.01/.3	INCH/MM
		angles		linear .XXX±.005/.13	scale 2:1
		0°±2'		.XXXX±.0020/.051	
		dr	M. FETROW	8/11/95	
		enr	L. FYE	8/11/95	
		chr	T. BREWBAKER	8/11/95	
		appd	L. FYE	8/11/95	
sheet index	revision sheet				title VERTICAL STACKING 2-ROW HEADER .500/12.70 W/O MOUNTING HOLES dwg no 69916 sheet 4 of 4 size A3 type Product Customer Drawing

form: A3