



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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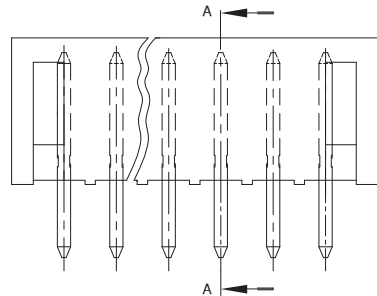
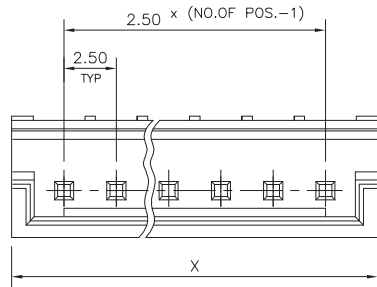




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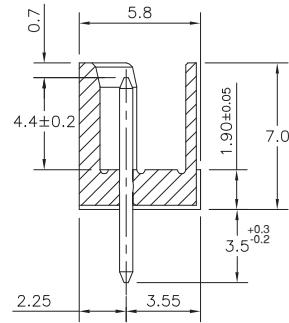
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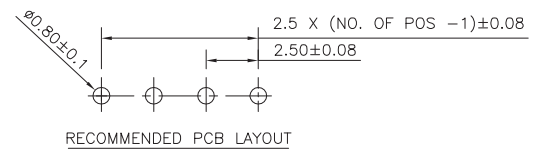


NOTE:

- MATERIAL:  
 1.HOUSING : PBT 15% GLASS FILLED UL94 V0 BLACK  
 THE HOUSING WILL WITHSTAND EXPOSURE TO 260-265°C FOR 3.5 SECONDS  
 IN A WAVESOLDERING APPLICATION.  
 2.PIN : BRASS  
 PLATING :  
 ③ 2 MICRON MIN SnPb OVER 1.27 MICRON MIN. NICKEL UNDER COAT (FOR LEADED VERSION)  
 2 MICRON MIN MATTE TIN OVER 1.27 MICRON MIN. NICKEL UNDER COAT(FOR LEAD FREE VERSION)  
 ④ 0.5 MICRON MIN Au OVER 1.27 MICRON MIN. NICKEL.  
 ⑤ 0.1 MICRON MIN Au OVER 1.27 MICRON MIN. NICKEL.  
 ⑥ 0.3 MICRON MIN Au OVER 1.27 MICRON MIN. NICKEL.  
 7. POLARIZED HEADER SPECIFIED POSITION DOSE NOT HAVE PIN AS SHOWN
- \* 67094-097 .....4TH FROM RIGHT  
 \* 67094-098 .....2ND FROM RIGHT
8. OPERATING TEMPERATURE : -25°C TO +85°C  
 9. MECHANICAL PERFORMANCE  
 DURABILITY (MATING CYCLES)  
 GOLD : 50  
 TIN-LEAD : 20  
 CONTACT RETENTION - 1.5 KG  
 10. ELECTRICAL PERFORMANCE  
 WITHSTANDING VOLTAGE : 750 V  
 INSULATION RESISTANCE : 500M  $\Omega$ min  
 CURRENT RATING : 2 amp DC  
 CONTACT RESISTANCE : 20m  $\Omega$ max



SECTION-AA



RECOMMENDED PCB LAYOUT

PART NUMBER	POS.	DIMN. X	PLATING
67094-098 / 67094-098LF	18	47.5	③
67094-097 / 67094-097LF	14	37.5	③
67094-096 / 67094-096LF	8	22.5	③
67094-095 / 67094-095LF	20	52.5	③
67094-094 / 67094-094LF	19	50.0	③
67094-093 / 67094-093LF	18	47.5	③
67094-092 / 67094-092LF	17	45.0	③
67094-091 / 67094-091LF	16	42.5	③
67094-090 / 67094-090LF	15	40.0	③

67094-089 / 67094-089LF	14	37.5	③
67094-088 / 67094-088LF	13	35.0	③
67094-087 / 67094-087LF	12	32.5	③
67094-086 / 67094-086LF	11	30.0	③
67094-085 / 67094-085LF	10	27.5	③
67094-084 / 67094-084LF	9	25.0	③
67094-083 / 67094-083LF	8	22.5	③
67094-082 / 67094-082LF	7	20.0	③
67094-081 / 67094-081LF	6	17.5	③
67094-080 / 67094-080LF	5	15.0	③
67094-079 / 67094-079LF	4	12.5	③
67094-078 / 67094-078LF	3	10.0	③
67094-077 / 67094-077LF	2	7.5	③
67094-076 / 67094-076LF	20	52.5	③
67094-075 / 67094-075LF	19	50.0	③
67094-074 / 67094-074LF	18	47.5	③
67094-073 / 67094-073LF	17	45.0	③
67094-072 / 67094-072LF	16	42.5	③
67094-071 / 67094-071LF	15	40.0	③
67094-070 / 67094-070LF	14	37.5	③
67094-069 / 67094-069LF	13	35.0	③
67094-068 / 67094-068LF	12	32.5	③
67094-067 / 67094-067LF	11	30.0	③
67094-066 / 67094-066LF	9	25.0	③
67094-065 / 67094-065LF	7	20.0	③
67094-064 / 67094-064LF	6	17.5	③

67094-063 / 67094-063LF	5	15.0	③
67094-062 / 67094-062LF	6	17.5	③
67094-061 / 67094-061LF	10	27.5	③
67094-060 / 67094-060LF	8	22.5	③
67094-059 / 67094-059LF	4	12.5	③
67094-058 / 67094-058LF	3	10.0	③
67094-057 / 67094-057LF	2	7.5	③
67094-020 / 67094-020LF	20	52.5	③
67094-019 / 67094-019LF	19	50.0	③
67094-018 / 67094-018LF	18	47.5	③
67094-017 / 67094-017LF	17	45.0	③
67094-016 / 67094-016LF	16	42.5	③
67094-015 / 67094-015LF	15	40.0	③
67094-014 / 67094-014LF	14	37.5	③
67094-013 / 67094-013LF	13	35.0	③
67094-012 / 67094-012LF	12	32.5	③
67094-011 / 67094-011LF	11	30.0	③
67094-010 / 67094-010LF	10	27.5	③
67094-009 / 67094-009LF	9	25.0	③
67094-008 / 67094-008LF	8	22.5	③
67094-007 / 67094-007LF	7	20.0	③
67094-006 / 67094-006LF	6	17.5	③
67094-005 / 67094-005LF	5	15.0	③
67094-004 / 67094-004LF	4	12.5	③
67094-003 / 67094-003LF	3	10.0	③
67094-002 / 67094-002LF	2	7.5	③

- LF Products meet European Union Directives and other country Regulations as described in GS-22-008.
- The Housing will withstand exposure to 260° peak temperature for 3.5 sec in a wave solder application with a 1.6mm Min thick circuitboard.
- Lead Free or ROHS Directive labelling to be provided as per GS-14-920 for Lead Free version.

mat'l. code		surface		tolerance	projection	product family	
-		ISO 1302		ISO 406 ISO 1101		RELIMATE	
itr		ecn no	dr	date	tolerances unless otherwise specified		title
P	I06-0123	HVN		2006-07-20	±0.13		RELIMATE HEADER VERTICAL
R	I07-0039	HVN		2007-03-16	MM		
		angles		linear	scale 5:1		
		0°±2°					dwg no
		dr		MINI K VANDANATH	2003-04-14	sheet 1 of 1	
		enfr		Hiran V N	2003-04-14	size	
		chr		HIRAN V N	2007-03-16	A3	
		appd		HIRAN V N	2007-03-16	type	
						Product Customer Drawing	
sheet index	revision sheet	R					
	1						