



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!



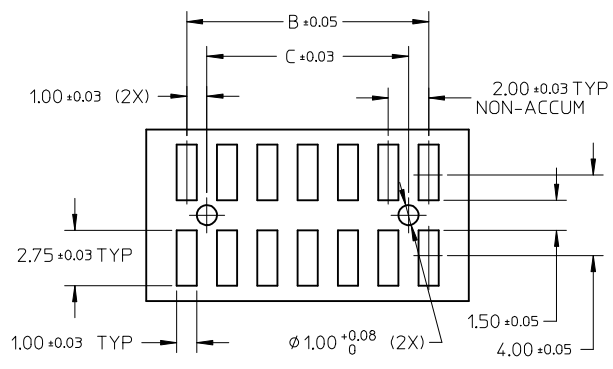
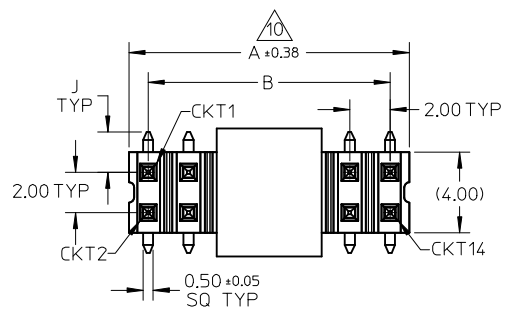
Contact us

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

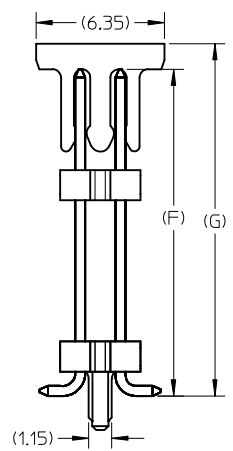
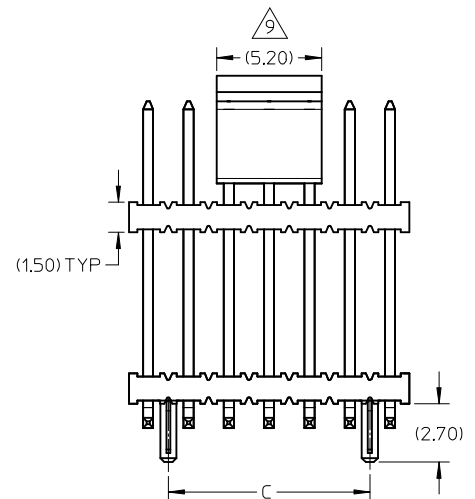
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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

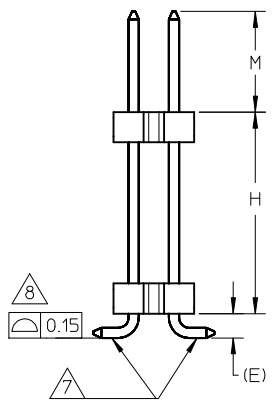




RECOMMENDED PCB LAYOUT

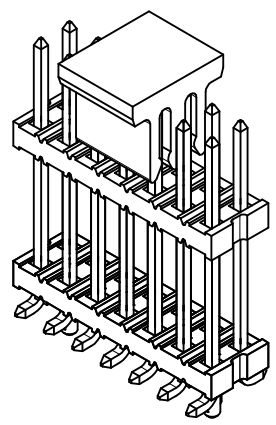


PART WITH PEGS & CAP VERSION



PART WITHOUT PEGS & CAP VERSION

- NOTES
- MATERIAL:
HSG: NYLON, GLASS-FILLED, UL94V-0 COLOR: BLACK
CAP: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK
PIN: 0.50MM SQ. COPPER ALLOY
 - PLATING TYPE:
(1) 0.05-0.25 μ m GOLD OVER
1.25 μ m MIN. NICKEL OVERALL.
(2) 0.05-0.25 μ m GOLD ON CONTACT AND
2.50 μ m MIN. TIN ON SOLDER TAIL OVER
1.25 μ m MIN. NICKEL OVERALL.
(3) 0.38 μ m MIN. GOLD PLATE ON CONTACT AND
2.00 μ m MIN. TIN ON SOLDER TAIL OVER
1.25 μ m MIN. NICKEL OVERALL.
(4) 0.75 μ m MIN. GOLD PLATE ON CONTACT AND
2.00 μ m MIN. TIN ON SOLDER TAIL OVER
1.25 μ m MIN. NICKEL OVERALL.
(5) 2.50 μ m MIN. TIN OVERALL
1.25 μ m MIN. NICKEL OVERALL
 - PRODUCT SPECIFICATION: PS-87761-100
 - PACKAGING TYPE: PLS SEE TABLE
 - PACKAGING SPEC: PLS SEE SHEET 2 AND SHEET 3
 - WAFER TO BE FLAT WITHIN 0.003 mm/mm
 - BEND DEPRESSION IS ACCEPTED SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY OF TAIL
 - COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A FLAT SURFACE
 - CAP LOCATION IS CENTERED ALONG THE MATING ENDS AS SHOWN. TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF PICK & PLACE BY VACUUM SUCTION NOZZLE
 - IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
 - RECOMMENDED PCB THICKNESS IS 1.60mm \pm 0.10
 - THE ABOVE CKT 14 IS FOR ILLUSTRATION PURPOSE ONLY
 - TUBE LENGTH AS PER STANDARD 560mm



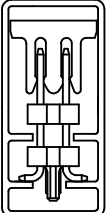
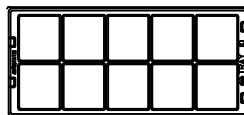
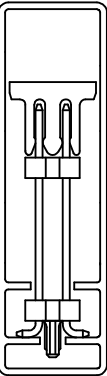
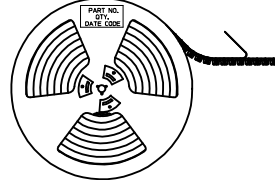
SEE SHT 3 EC NO: S2016-1018 DRWING: MRAMAKRI / SHINA 2016/05/10 CHKD: MRAMAKRI / SHINA 2016/05/10 APPR: ISHWARG 2016/07/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$F_A=0$	mm	INCH	MM ONLY	NTS	METRIC	
	$F_C=0$	4 PLACES \pm ---	\pm ---	DRAWN BY	DATE	TITLE	
	$F_P=0$	3 PLACES \pm ---	\pm ---	CHECKED BY	DATE		
	2 PLACES \pm 0.20	\pm ---	FANNYWONG	2014/08/25			
	1 PLACE \pm ---	\pm ---	APPROVED BY	DATE			
	0 PLACE \pm ---	\pm ---	KHLIM	2014/11/18			
		ANGULAR \pm 3 °		MATERIAL NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE			
				SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



CUSTOM HEADER
2.00MM PITCH DUAL ROW
HEADER, DUAL WAFER SMT



SD-151033-0002
1 OF 3

PACKAGING SPECIFICATION OVERVIEW

ITEM	PACKAGING TYPE	PACKAGING SPECIFICATION	PART OVERALL HEIGHT	PART PACKED IN PACKAGING ORIENTATION (FOR REF. USE ONLY)	ITEM	PACKAGING TYPE	PACKAGING SPECIFICATION	PART OVERALL HEIGHT	PART PACKED IN PACKAGING ORIENTATION (FOR REF. USE ONLY)
1	TUBE	PK-89990-475	DIMENSION F/G= <13.3MM	 HEADER WITH CAP IN TUBE	3	TRAY	PK-89990-487	DIMENSION F/G= MAX. 40.0MM	
2	TUBE	PK-89990-474	DIMENSION F/G= 13.4MM ~ 23.4MM	 HEADER WITH CAP IN TUBE	4	TAPE & REEL	PK-87858-300 (REEL Ø: 330.0 MAX.)	DIMENSION F/G= MAX. 26.0MM	

SEE SHT 3 EC NO: S2016-1018 DRWN: MRAMAKRI SHINA 2016/05/10 CHKD: MRAMAKRI SHINA 2016/05/10 APPR: ISHWARG 2016/07/20	QUALITY SYMBOLS $F_A=0$ $F_G=0$ $F_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.20</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.20	± ---	1 PLACE	± ---	± ---	0 PLACE	± ---	± ---	DIMENSION STYLE MM ONLY DRAWN BY: ATSEE DATE: 2014/08/25 CHECKED BY: FANNYWONG DATE: 2014/08/25 APPROVED BY: KHL IM DATE: 2014/11/18	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 	TITLE CUSTOM HEADER 2.00MM PITCH DUAL ROW HEADER, DUAL WAFER SMT 
		mm	INCH																						
	4 PLACES	± ---	± ---																						
	3 PLACES	± ---	± ---																						
2 PLACES	± 0.20	± ---																							
1 PLACE	± ---	± ---																							
0 PLACE	± ---	± ---																							
A4	REV	ANGULAR ± 3 °	MATERIAL NO.	DOCUMENT NO.	SHEET NO.																				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE			SD-151033-0002	2 OF 3																		
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			

CKT SIZE	DIMENSION			PART NO. IN PACKAGING OPTION				CKT SIZE	PEG	PLATE OPT.	DIMENSION					PACKAGING SPECIFICATION (PLS REFER TO SHEET 2)	
	A	B	C	TAPE & REEL WITH CAP	TUBE WITH CAP	TUBE WITHOUT CAP	W/O CAP IN TRAY				G	(F)	M	H	E		J
04	4.00	2.00	-	-	-	-	151033-0400	04	N	5	-	8.35	3.00	4.15	1.20	1.75	3
06	6.00	4.00	-	-	-	-	151033-1001	10	N	5	11.35	9.80	3.80	4.80	1.20	1.75	3
08	8.00	6.00	4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	10.00	8.00	6.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	12.00	10.00	8.00	151033-1003	-	-	-	10	N	3	15.70	13.35	3.00	9.15	1.20	1.75	4
14	14.00	12.00	10.00	151033-1201	-	-	-	12	Y	3	18.40	17.00	5.00	10.80	1.20	2.00	4
16	16.00	14.00	12.00	151033-1600	-	-	-	16	Y	3	20.70	18.95	3.60	14.15	1.20	1.75	4
18	18.00	16.00	14.00	151033-2000	-	-	-	20	N	3	11.00	9.25	3.60	4.45	1.20	1.75	4
20	20.00	18.00	16.00	151033-4400	-	-	-	44	Y	3	20.70	18.95	3.60	14.15	1.20	1.75	4
22	22.00	20.00	18.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	24.00	22.00	20.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	26.00	24.00	22.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	28.00	26.00	24.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	30.00	28.00	26.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	32.00	30.00	28.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	34.00	32.00	30.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	36.00	34.00	32.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	38.00	36.00	34.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	40.00	38.00	36.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	42.00	40.00	38.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	44.00	42.00	40.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	46.00	44.00	42.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	48.00	46.00	44.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	50.00	48.00	46.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ADD 151033-1003 & 2000 EC NO: S2016-1018 DRWNG: MRAMAKRI SHINA 2016/05/10 CHKD: MRAMAKRI SHINA 2016/05/10 APPR: ISHWARG 2016/07/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$F_A=0$	mm INCH	MM ONLY	NTS	METRIC	
	$F_C=0$	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	$F_B=0$	3 PLACES ± --- ± ---	CHECKED BY DATE	CUSTOM HEADER		
		2 PLACES ± 0.20 ± ---	FANNYWONG 2014/08/25	2.00MM PITCH DUAL ROW		
	1 PLACE ± --- ± ---	APPROVED BY DATE	HEADER, DUAL WAFER SMT			
	0 PLACE ± --- ± ---	KHL IM 2014/11/18	molex			
	ANGULAR ± 3 °	MATERIAL NO.	SEE TABLE		DOCUMENT NO.	SHEET NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SD-151033-0002	3 OF 3
A4	REV		A3			