



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

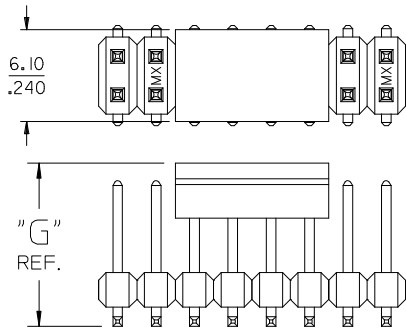
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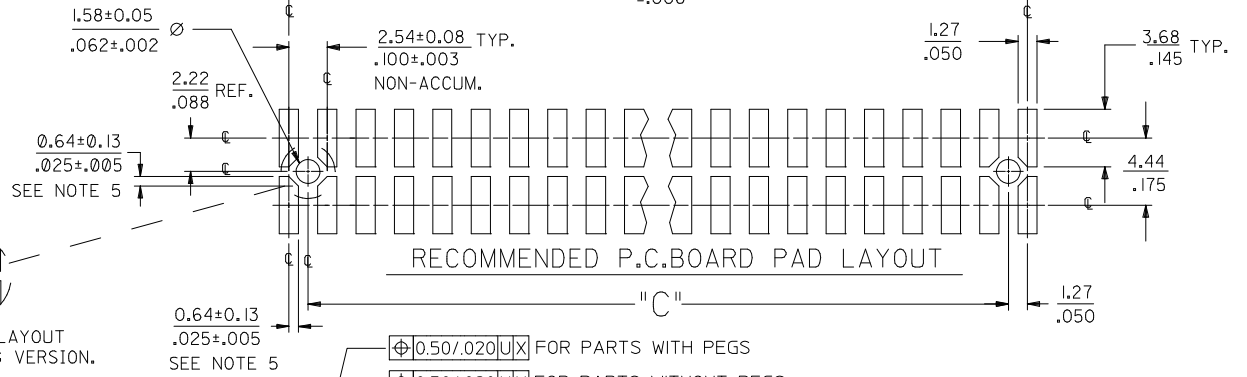
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



OPTIONAL
PICK AND PLACE CAP
SEE NOTES 4 & 9.

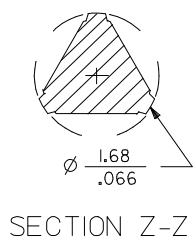
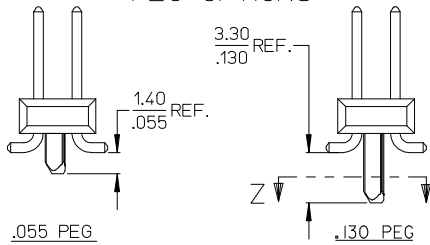


DIM. "M"	DIM. "G"
6.10 .240	10.67 .420
8.13 .320	12.70 .500

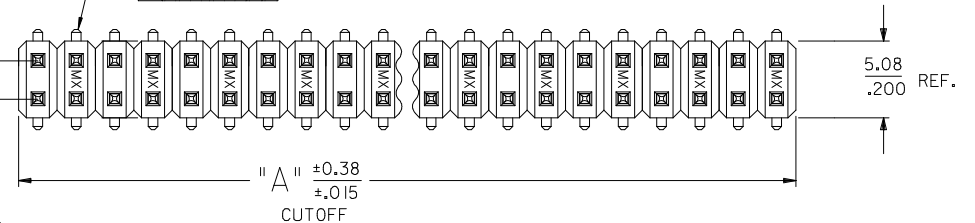


P.C. BOARD PAD LAYOUT
AT ENDS FOR NO PEG VERSION.

PEG OPTIONS



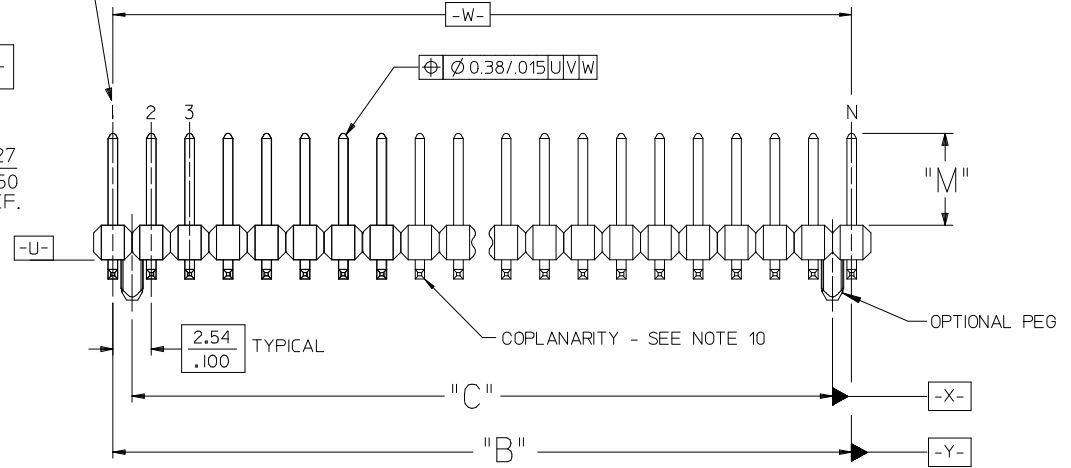
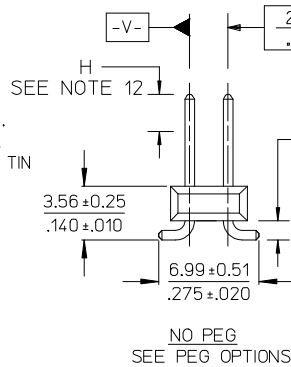
ROW "A"
ROW "B"



USED TO LOCATE VOIDED CIRCUITS

NOTES:

- MATERIALS: INSULATOR: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL94 V-0, COLOR: BLACK
TERMINAL: COPPER ALLOY
- FINISH:
59 TIN - 0.00150/0.00059 MIN. BRIGHT TIN OVER NICKEL OVERALL.
150 TIN - 0.00381/0.00150 MIN. BRIGHT TIN OVER NICKEL OVERALL.
REFLOWED MATTE TIN - 0.00152/0.00060 MIN. REFLOWED MATTE TIN OVER NICKEL OVERALL.
15 GOLD - 0.00038/0.00015 MIN. GOLD IN SELECT AREA OVER 0.00191/0.00075 MIN. TIN IN SELECT AREA OVER NICKEL OVERALL.
30 GOLD - 0.00076/0.00030 MIN. GOLD IN SELECT AREA OVER 0.00191/0.00075 MIN. TIN IN SELECT AREA OVER NICKEL OVERALL.
50 GOLD - 0.00127/0.00050 MIN. GOLD IN SELECT AREA OVER 0.00254/0.00100 MIN. TIN IN SELECT AREA OVER NICKEL OVERALL.
- PART TO CONFORM TO PS-71308.
- PACKAGING (SEE CHARTS): BULK: PER PK-70873-0353
TUBES: PER PK-70873-0041.
71308-82** IN TUBES: PER PK-70873-042.
TUBES W/ VAC CAPS: PER PK-70873-0691
TAPE AND REEL W/ VAC CAPS: PER PK-70873-0805.
SEE SHEET 3 FOR TAPE & REEL PRODUCT WITH SHALLOW POCKET REQUIREMENTS.
- TYP. DIMENSIONS FOR LANDS SURROUNDING HOLES FOR RETENTION PEGS.
- PICK-N-PLACE CAPS WILL BE PLACED SO THAT VACUUM PICK UP AREA WILL BE IN CENTER OF PART.
- PIN PUSHOUT FORCE: 3 LBS. MINIMUM.
- PICK-N-PLACE CAPS WILL BE PLACED SO THAT VACUUM PICK UP AREA WILL BE IN CENTER OF PART.
- COPLANARITY FOR CIRCUIT SIZES UP TO 40 IS 0.15 MM/0.006 INCH.
FOR CIRCUIT SIZES 42 AND LARGER, CONTACT MOLEX SALES DEPARTMENT.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
- MEASURE POINT FOR PLATING THICKNESS.



REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
			mm	INCH	MM/IN	DATE				
71308-8426	PLATING		4 PLACES	± ---	± ---	DRAWN BY KMS	DATE 1999/10/15	TITLE SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100	DOCUMENT NO. SD-71308-001	SHEET NO. 1 OF 6
EC NO:	UCP2014-4901		3 PLACES	± ---	± .005					
DRW:MK	IPPR	2015/08/12	2 PLACES	± 0.13	± .010	KMS	1999/10/15	APPROVED BY DATE 1999/10/15	MATERIAL NO.	SEE TABLES
CHKD:NGUYEN		2015/08/12	1 PLACE	± 0.25	± ---	KMS	1999/10/15			
APPR:FSMITH		2015/09/10	0 PLACE	± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

IN TAPE AND REEL WITH SHALLOW POCKET TAPE													BULK / IN TUBES		
PACKAGING SEE NOTE 4. SHT 1		4-8 CKT	TAPE-N-REEL W/ VAC CAPS	TAPE-N-REEL W/ VAC CAPS									BULK	BULK	
		10-100 CKT	TAPE-N-REEL W/ VAC CAPS	TAPE-N-REEL W/ VAC CAPS									TUBES	TUBES	
DIM. M±0.25 MM			6.10 (.240)	6.10 (.240)									8.13 (.320)	13.59 (.535)	
PLATING			30 GOLD	15 GOLD									150 TIN	150 TIN	
DIM. H			2.54 (.100)	2.54 (.100)									4.57 (.180)	4.57 (.180)	
I	CKTS	DIM. A		DIM. B		EDP NUMBER	EDP NUMBER						EDP NUMBER	EDP NUMBER	CKTS
		MM	IN	MM	IN										
	04	5.08	.200	2.54	.100										04
	06	7.62	.300	5.08	.200		015-91-6068								06
	08	10.16	.400	7.62	.300		015-91-6088								08
	10	12.70	.500	10.16	.400		015-91-6108					713088010	71308-8210		10
	12	15.24	.600	12.70	.500										12
	14	17.78	.700	15.24	.600	015-91-6148									14
	16	20.32	.800	17.78	.700							713088016			16
	18	22.86	.900	20.32	.800										18
	20	25.40	1.000	22.86	.900										20
	22	27.94	1.100	25.40	1.000										22
	24	30.48	1.200	27.94	1.100										24
	26	33.02	1.300	30.48	1.200										26
	28	35.56	1.400	33.02	1.300										28
	30	38.10	1.500	35.56	1.400										30
	32	40.64	1.600	38.10	1.500										32
	34	43.18	1.700	40.64	1.600										34
	36	45.72	1.800	43.18	1.700										36
	38	48.26	1.900	45.72	1.800										38
	40	50.80	2.000	48.26	1.900										40
	42	53.34	2.100	50.80	2.000										42
	44	55.88	2.200	53.34	2.100										44
	46	58.42	2.300	55.88	2.200										46
	48	60.96	2.400	58.42	2.300										48
	50	63.50	2.500	60.96	2.400										50
	52	66.04	2.600	63.50	2.500										52
	54	68.58	2.700	66.04	2.600										54
	56	71.12	2.800	68.58	2.700										56
	58	73.66	2.900	71.12	2.800										58
	60	76.20	3.000	73.66	2.900										60
	62	78.74	3.100	76.20	3.000										62
	64	81.28	3.200	78.74	3.100										64
	66	83.82	3.300	81.28	3.200										66
	68	86.36	3.400	83.82	3.300										68
	70	88.90	3.500	86.36	3.400										70
	72	91.44	3.600	88.90	3.500										72
	74	93.98	3.700	91.44	3.600										74
	76	96.52	3.800	93.98	3.700										76
	78	99.06	3.900	96.52	3.800										78
	80	101.60	4.000	99.06	3.900										80
	82	104.14	4.100	101.60	4.000										82
	84	106.68	4.200	104.14	4.100										84
	86	109.22	4.300	106.68	4.200										86
	88	111.76	4.400	109.22	4.300										88
	90	114.30	4.500	111.76	4.400										90
	92	116.84	4.600	114.30	4.500										92
	94	119.38	4.700	116.84	4.600										94
	96	121.92	4.800	119.38	4.700										96
	98	124.46	4.900	121.92	4.800										98
	100	127.00	5.000	124.46	4.900										100

<p style="text-align: center; font-size: 24px; margin: 0;">NO PEG VERSION</p> <p style="text-align: center; font-size: 12px; margin: 0;">(ALSO SEE SHEET 2)</p>		SEE SHEET 1 EC NO: UCP2014-4901 DRW:MKIPPER 2015/08/12 CHKD:NGUYEN 2015/08/12 APPR:FSMLTH 2015/09/10	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
				4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .010 1 PLACE ± 0.25 ± --- 0 PLACE ± --- ± ---		DRAWN BY DATE KMS 1999/10/15 CHECKED BY DATE KMS 1999/10/15 APPROVED BY DATE KMS 1999/10/15		TITLE SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100		DOCUMENT NO.	SHEET NO.
ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE		SD-71308-001		3 OF 6		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

13	12	11	10	9	8	7	6	5	4	3	2	1
PACKAGING SEE NOTE 4 SHT 1		4-8 CKT	BULK	TAPE-N-REEL W/ VAC CAPS	BULK	TAPE-N-REEL W/ VAC CAPS	TAPE-N-REEL W/ VAC CAPS					
		10-100 CKT	TUBES	TAPE-N-REEL W/ VAC CAPS	TUBES	TAPE-N-REEL W/ VAC CAPS	TAPE-N-REEL W/ VAC CAPS					
DIM. M±0.25 MM			6.10 (.240)		6.10 (.240)		8.13 (.320)					
PLATING			30 GOLD		150 TIN		REFLOWED MATTE TIN					
DIM. H			2.54 (.100)		2.54 (.100)		4.57 (.180)					

CKTS	DIM. A		DIM. B		DIM. C		EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	CKTS
	MM	IN	MM	IN	MM	IN										
04	5.08	.200	2.54	.100	----	----	015-91-1048	015-91-6047								04
06	7.62	.300	5.08	.200	2.54	.100	015-91-1068	015-91-6067	71308-6106	71308-6206						06
08	10.16	.400	7.62	.300	5.08	.200	015-91-1088	015-91-6087	71308-6108	71308-6208						08
10	12.70	.500	10.16	.400	7.62	.300	015-91-1108	015-91-6107	71308-6110	71308-6210						10
12	15.24	.600	12.70	.500	10.16	.400	015-91-1128									12
14	17.78	.700	15.24	.600	12.70	.500	015-91-1148	015-91-6147								14
16	20.32	.800	17.78	.700	15.24	.600	015-91-1168	015-91-6167								16
18	22.86	.900	20.32	.800	17.78	.700	015-91-1188									18
20	25.40	1.000	22.86	.900	20.32	.800	015-91-1208	015-91-6207								20
22	27.94	1.100	25.40	1.000	22.86	.900	015-91-1228									22
24	30.48	1.200	27.94	1.100	25.40	1.000	015-91-1248									24
26	33.02	1.300	30.48	1.200	27.94	1.100	015-91-1268		71308-6126		71308-8426					26
28	35.56	1.400	33.02	1.300	30.48	1.200	015-91-1288									28
30	38.10	1.500	35.56	1.400	33.02	1.300	015-91-1308									30
32	40.64	1.600	38.10	1.500	35.56	1.400	015-91-1328									32
34	43.18	1.700	40.64	1.600	38.10	1.500	015-91-1348									34
36	45.72	1.800	43.18	1.700	40.64	1.600	015-91-1368									36
38	48.26	1.900	45.72	1.800	43.18	1.700	015-91-1388									38
40	50.80	2.000	48.26	1.900	45.72	1.800	015-91-1408									40
42	53.34	2.100	50.80	2.000	48.26	1.900	015-91-1428									42
44	55.88	2.200	53.34	2.100	50.80	2.000	015-91-1448									44
46	58.42	2.300	55.88	2.200	53.34	2.100	015-91-1468									46
48	60.96	2.400	58.42	2.300	55.88	2.200	015-91-1488									48
50	63.50	2.500	60.96	2.400	58.42	2.300	015-91-1508	015-91-6507								50
52	66.04	2.600	63.50	2.500	60.96	2.400	015-91-1528									52
54	68.58	2.700	66.04	2.600	63.50	2.500	015-91-1548									54
56	71.12	2.800	68.58	2.700	66.04	2.600	015-91-1568									56
58	73.66	2.900	71.12	2.800	68.58	2.700	015-91-1588									58
60	76.20	3.000	73.66	2.900	71.12	2.800	015-91-1608									60
62	78.74	3.100	76.20	3.000	73.66	2.900	015-91-1628									62
64	81.28	3.200	78.74	3.100	76.20	3.000	015-91-1648									64
66	83.82	3.300	81.28	3.200	78.74	3.100	015-91-1668									66
68	86.36	3.400	83.82	3.300	81.28	3.200	015-91-1688									68
70	88.90	3.500	86.36	3.400	83.82	3.300	015-91-1708									70
72	91.44	3.600	88.90	3.500	86.36	3.400	015-91-1728									72
74	93.98	3.700	91.44	3.600	88.90	3.500	015-91-1748									74
76	96.52	3.800	93.98	3.700	91.44	3.600	015-91-1768									76
78	99.06	3.900	96.52	3.800	93.98	3.700	015-91-1788									78
80	101.60	4.000	99.06	3.900	96.52	3.800	015-91-1808									80
82	104.14	4.100	101.60	4.000	99.06	3.900	71308-6082									82
84	106.68	4.200	104.14	4.100	101.60	4.000	71308-6084									84
86	109.22	4.300	106.68	4.200	104.14	4.100	71308-6086									86
88	111.76	4.400	109.22	4.300	106.68	4.200	71308-6088									88
90	114.30	4.500	111.76	4.400	109.22	4.300	71308-6090									90
92	116.84	4.600	114.30	4.500	111.76	4.400	71308-6092									92
94	119.38	4.700	116.84	4.600	114.30	4.500	71308-6094									94
96	121.92	4.800	119.38	4.700	116.84	4.600	71308-6096									96
98	124.46	4.900	121.92	4.800	119.38	4.700	71308-6098									98
100	127.00	5.000	124.46	4.900	121.92	4.800	71308-6100									100

SHORT PEG VERSION (.055")

SEE SHEET 1 EC NO: UCP2014-4901 DRW:MK/PPER 2015/08/12 CHK:KANGUYEN 2015/08/12 APPR:FSM/ITH 2015/09/10 K8	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		mm	INCH	DRAWN BY	DATE	TITLE		
		4 PLACES ±---	±---	KMS	1999/10/15	SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100 molex		
		3 PLACES ±---	±.005	CHECKED BY	DATE			
		2 PLACES ±0.13	±.010	KMS	1999/10/15			
1 PLACE ±0.25	±---	APPROVED BY	DATE	DOCUMENT NO.				
0 PLACE ±---	±---	KMS	1999/10/15	SD-71308-001				
ANGULAR ±1/2°		MATERIAL NO.		SHEET NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		5 OF 6				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

