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Part Number: [0015911222](#)
Status: **Active**
Description: 2.54mm (.100") Pitch C-Grid® Header, Surface Mount, Dual Row, Vertical, 22 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, with 3.30mm (.130") PCB Locator Pegs

Documents:

[3D Model](#) [Product Specification PS-71308 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [71308](#)
 Application Board-to-Board, Wire-to-Board
 Product Name C-Grid®

Physical

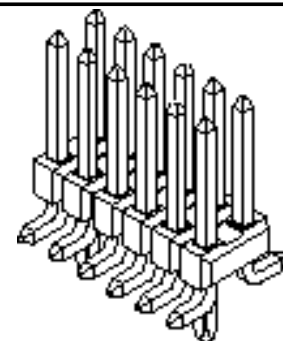
Breakaway Yes
 Circuits (Loaded) 22
 Circuits (maximum) 22
 Color - Resin Black
 Durability (mating cycles max) 50
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part None
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Number of Rows 2
 Orientation Vertical
 PCB Locator Yes
 PCB Retention Yes
 Packaging Type Tube
 Pitch - Mating Interface (in) 0.100 In
 Pitch - Mating Interface (mm) 2.54 mm
 Plating min: Mating (µin) 15.2
 Plating min: Mating (µm) 0.38
 Plating min: Termination (µin) 80
 Plating min: Termination (µm) 2
 Polarized to Mating Part No
 Polarized to PCB No
 Shrouded No
 Stackable Yes
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 3A
 Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 30
 Lead-free Process Capability Reflow Capable (SMT only)



*Series
image - Reference only*

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
 Not Reviewed
**Halogen-Free
Status**
Not Reviewed

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[71308Series](#)

Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Old Part Number	71308-4122N
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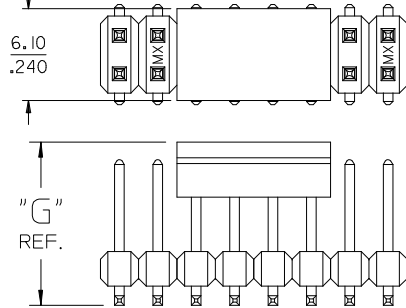
Reference - Drawing Numbers

Product Specification	PS-71308, RPS-71308-001
Sales Drawing	SD-71308-001

This document was generated on 03/31/2010

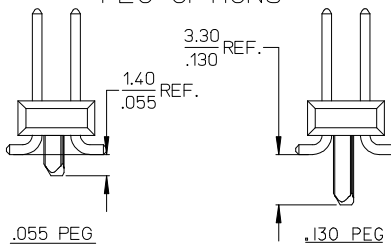
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OPTIONAL
PICK AND PLACE CAP
SEE NOTES 4 & 9.

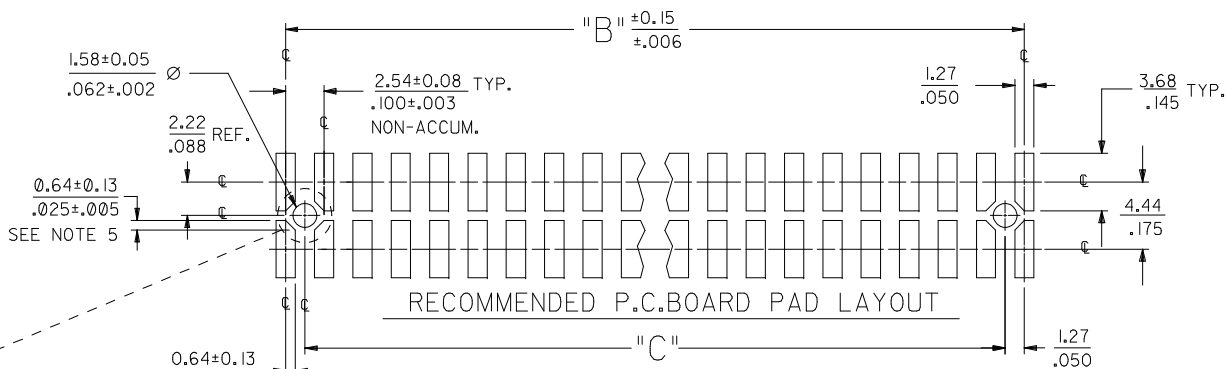


DIM. "M"	DIM. "G"
6.10 .240	10.67 .420
8.13 .320	12.70 .500

PEG OPTIONS

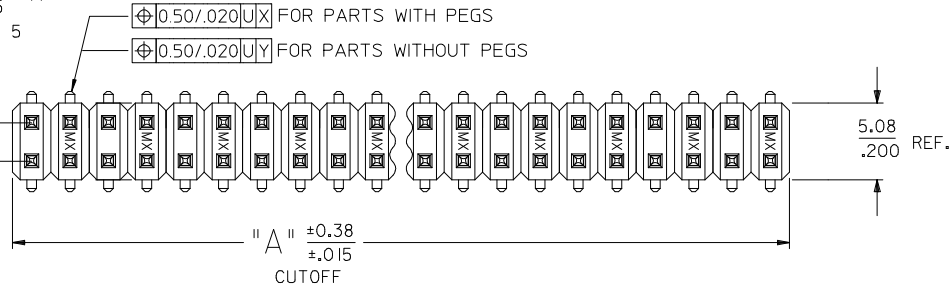


P.C. BOARD PAD LAYOUT
AT ENDS FOR NO PEG VERSION.

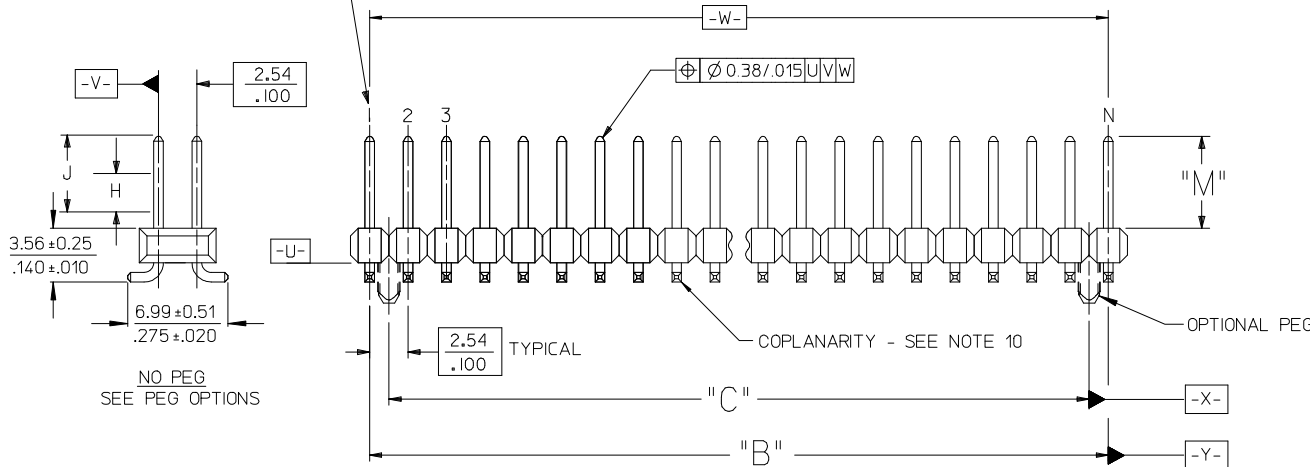


RECOMMENDED P.C. BOARD PAD LAYOUT

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/.000059 MINIMUM BRIGHT TIN OVER NICKEL OVERALL.
150 TIN - 0.00381/.000150 MINIMUM BRIGHT TIN OVER NICKEL OVERALL.
15 GOLD - 0.00038/.000015 MINIMUM GOLD IN SELECT AREA OVER 0.00191/.000075 MINIMUM TIN IN SELECT AREA OVER NICKEL OVERALL.
30 GOLD - 0.00076/.000030 MINIMUM GOLD IN SELECT AREA OVER 0.00191/.000075 MINIMUM TIN IN SELECT AREA OVER NICKEL OVERALL.
50 GOLD - 0.00127/.000050 MINIMUM GOLD IN SELECT AREA OVER 0.00254/.000100 MINIMUM TIN IN SELECT AREA OVER NICKEL OVERALL.
* THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.
 - 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.
- PIN SOLERABILITY PER MOLEX SPEC. ES-152.
- SEE SHEETS 2-5 FOR CHARTED DIMS., PART/EDP NO'S, AND VOIDED CIRCUITS.
- 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/.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.

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE INCH	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
			mm	INCH				
K3	12CKT TAPE & REEL EC NO: UCP2009-2465 DRWN:KIPPER 2009/08/04 CHKD:SSOUSEK 2009/08/07 APPR:FSMITH 2009/08/10	▽=0 ▽=0	4 PLACES ± --- ± ---	3 PLACES ± --- ± .005	2 PLACES ± 0.13 ± .010	1 PLACE ± 0.25 ± ---	ANGULAR ± 1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS
			DRAWN BY DATE KMS 1999/10/15		CHECKED BY DATE KMS 1999/10/15		APPROVED BY DATE KMS 1999/10/15	
			MATERIAL NO. SEE TABLES		DOCUMENT NO. SD-71308-001		SHEET NO. 1 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			
J		PACKAGING SEE NOTE 4 SHT 1		4-6 CKT		BULK		TAPE-N-REEL W/ VAC CAPS		N/A		BULK		TAPE-N-REEL W/ VAC CAPS		N/A		BULK		TAPE-N-REEL W/ VAC CAPS		N/A		BULK		BULK			
		8-100 CKT		TUBES		TAPE-N-REEL W/ VAC CAPS		TUBES		W/ VAC CAPS		TUBES		TAPE-N-REEL W/ VAC CAPS		TUBES		TUBES		W/ VAC CAPS		TUBES		TUBES		TUBES			
		DIM. M ±0.25 MM				6.10 (.240)						6.10 (.240)						6.10 (.240)						8.13 (.320)		8.13 (.320)			
		PLATING				150 TIN						15 GOLD						30 GOLD						15 GOLD		30 GOLD			
		DIM. H				2.54 (.100)						2.54 (.100)						2.54 (.100)						4.57 (.180)		4.57 (.180)			
		DIM. J				5.08 (.200)						5.08 (.200)						5.08 (.200)						7.11 (.280)		7.11 (.280)			
I		CKTS		DIM. A		DIM. B		EDP NUMBER		EDP NUMBER		EDP NUMBER		EDP NUMBER		EDP NUMBER		EDP NUMBER		EDP NUMBER		EDP NUMBER		EDP NUMBER		EDP NUMBER		CKTS	
		MM		IN		MM		IN																					
04	5.08	.200	2.54	.100	015-91-2040	015-91-6040		N/A	015-91-0040	015-91-6042		N/A	015-91-3040	015-91-6043		N/A	015-91-0048	015-91-5049	04										
06	7.62	.300	5.08	.200	015-91-2060	015-91-6060		N/A	015-91-0060	015-91-6062		N/A	015-91-3060	015-91-6063		N/A	015-91-0068	015-91-5069	06										
08	10.16	.400	7.62	.300	015-91-2080	015-91-6080	015-91-3087		015-91-0080	015-91-6082	015-91-3086		015-91-3080	015-91-6083	015-91-3088		015-91-0088	015-91-5089	08										
10	12.70	.500	10.16	.400	015-91-2100	015-91-6100	015-91-3107		015-91-0100	015-91-6102	015-91-3106		015-91-3100	015-91-6103	015-91-3108		015-91-0108	015-91-5109	10										
12	15.24	.600	12.70	.500	015-91-2120	015-91-6120	015-91-3127		015-91-0120	015-91-6122	015-91-3126		015-91-3120	015-91-6123	015-91-3128		015-91-0128	015-91-5129	12										
14	17.78	.700	15.24	.600	015-91-2140	015-91-6140	015-91-3147		015-91-0140	015-91-6142	015-91-3146		015-91-3140	015-91-6143	015-91-3148		015-91-0148	015-91-5149	14										
16	20.32	.800	17.78	.700	015-91-2160	015-91-6160	015-91-3167		015-91-0160	015-91-6162	015-91-3166		015-91-3160	015-91-6163	015-91-3168		015-91-0168	015-91-5169	16										
18	22.86	.900	20.32	.800	015-91-2180		015-91-3187		015-91-0180		015-91-3186		015-91-3180		015-91-3188		015-91-0188	015-91-5189	18										
20	25.40	1.000	22.86	.900	015-91-2200	015-91-6200	015-91-3207		015-91-0200	015-91-6202	015-91-3206		015-91-3200	015-91-6203	015-91-3208		015-91-0208	015-91-5209	20										
22	27.94	1.100	25.40	1.000	015-91-2220		015-91-3227		015-91-0220		015-91-3226		015-91-3220		015-91-3228		015-91-0228	015-91-5229	22										
24	30.48	1.200	27.94	1.100	015-91-2240		015-91-3247		015-91-0240		015-91-3246		015-91-3240		015-91-3248		015-91-0248	015-91-5249	24										
26	33.02	1.300	30.48	1.200	015-91-2260	015-91-6260	015-91-3267		015-91-0260	015-91-6262	015-91-3266		015-91-3260		015-91-3268		015-91-0268	015-91-5269	26										
28	35.56	1.400	33.02	1.300	015-91-2280		015-91-3287		015-91-0280		015-91-3286		015-91-3280		015-91-3288		015-91-0288	015-91-5289	28										
30	38.10	1.500	35.56	1.400	015-91-2300		015-91-3307		015-91-0300		015-91-3306		015-91-3300		015-91-3308		015-91-0308	015-91-5309	30										
32	40.64	1.600	38.10	1.500	015-91-2320		015-91-3327		015-91-0320		015-91-3326		015-91-3320		015-91-3328		015-91-0328	015-91-5329	32										
34	43.18	1.700	40.64	1.600	015-91-2340		015-91-3347		015-91-0340		015-91-3346		015-91-3340		015-91-3348		015-91-0348	015-91-5349	34										
36	45.72	1.800	43.18	1.700	015-91-2360		015-91-3367		015-91-0360		015-91-3366		015-91-3360		015-91-3368		015-91-0368	015-91-5369	36										
38	48.26	1.900	45.72	1.800	015-91-2380		015-91-3387		015-91-0380		015-91-3386		015-91-3380		015-91-3388		015-91-0388	015-91-5389	38										
40	50.80	2.000	48.26	1.900	015-91-2400	015-91-6400	015-91-3407		015-91-0400	015-91-6402	015-91-3406		015-91-3400	015-91-6403	015-91-3408		015-91-0408	015-91-5409	40										
42	53.34	2.100	50.80	2.000	015-91-2420		015-91-3427		015-91-0420		015-91-3426		015-91-3420		015-91-3428		015-91-0428	015-91-5429	42										
44	55.88	2.200	53.34	2.100	015-91-2440		015-91-3447		015-91-0440		015-91-3446		015-91-3440		015-91-3448		015-91-0448	015-91-5449	44										
46	58.42	2.300	55.88	2.200	015-91-2460		015-91-3467		015-91-0460		015-91-3466		015-91-3460		015-91-3468		015-91-0468	015-91-5469	46										
48	60.96	2.400	58.42	2.300	015-91-2480		015-91-3487		015-91-0480		015-91-3486		015-91-3480		015-91-3488		015-91-0488	015-91-5489	48										
50	63.50	2.500	60.96	2.400	015-91-2500	015-91-6500	015-91-3507		015-91-0500	015-91-6502	015-91-3506		015-91-3500	015-91-6503	015-91-3508		015-91-0508	015-91-5509	50										
52	66.04	2.600	63.50	2.500	015-91-2520		015-91-3527		015-91-0520		015-91-3526		015-91-3520		015-91-3528		015-91-0528	015-91-5529	52										
54	68.58	2.700	66.04	2.600	015-91-2540		015-91-3547		015-91-0540		015-91-3546		015-91-3540		015-91-3548		015-91-0548	015-91-5549	54										
56	71.12	2.800	68.58	2.700	015-91-2560		015-91-3567		015-91-0560		015-91-3566		015-91-3560		015-91-3568		015-91-0568	015-91-5569	56										
58	73.66	2.900	71.12	2.800	015-91-2580		015-91-3587		015-91-0580		015-91-3586		015-91-3580		015-91-3588		015-91-0588	015-91-5589	58										
60	76.20	3.000	73.66	2.900	015-91-2600		015-91-3607		015-91-0600		015-91-3606		015-91-3600		015-91-3608		015-91-0608	015-91-5609	60										
62	78.74	3.100	76.20	3.000	015-91-2620		015-91-3627		015-91-0620		015-91-3626		015-91-3620		015-91-3628		015-91-0628	015-91-5629	62										
64	81.28	3.200	78.74	3.100	015-91-2640		015-91-3647		015-91-0640		015-91-3646		015-91-3640		015-91-3648		015-91-0648	015-91-5649	64										
66	83.82	3.300	81.28	3.200	015-91-2660		015-91-3667		015-91-0660		015-91-3666		015-91-3660		015-91-3668		015-91-0668	015-91-5669	66										
68	86.36	3.400	83.82	3.300	015-91-2680		015-91-3687		015-91-0680		015-91-3686		015-91-3680		015-91-3688		015-91-0688	015-91-5689	68										
70	88.90	3.500	86.36	3.400	015-91-2700		015-91-3707		015-91-0700		015-91-3706		015-91-3700		015-91-3708		015-91-0708	015-91-5709	70										
72	91.44	3.600	88.90	3.500	015-91-2720		015-91-3727		015-91-0720		015-91-3726		015-91-3720		015-91-3728		015-91-0728	015-91-5729	72										
74	93.98	3.700	91.44	3.600	015-91-2740		015-91-3747		015-91-0740		015-91-3746		015-91-3740		015-91-3748		015-91-0748	015-91-5749	74										
76	96.52	3.800	93.98	3.700	015-91-2760		015-91-3767		015-91-0760		015-91-3766		015-91-3760		015-91-3768		015-91-0768	015-91-5769	76										
78	99.06	3.900	96.52	3.800	015-91-2780		015-91-3787		015-91-0780		015-91-3786		015-91-3780		015-91-3788		015-91-0788	015-91-5789	78										
80	101.60	4.000	99.06	3.900	015-91-2800		015-91-3807		015-91-0800		015-91-3806		015-91-3800		015-91-3808		015-91-0808	015-91-5809	80										
82	104.14	4.100	101.60	4.000	71308-0082		71308-0482		71308-0182		71308-0582		71308-0282		71308-0682		71308-1182	71308-1282	82										
84	106.68	4.200	104.14	4.100	71308-0084		71308-0484		71308-0184		71308-0584		71308-0284		71308-0684		71308-1184	71308-1284	84										
86	109.22	4.300	106.68	4.200	71308-0086		71308-0486		71308-0186		71308-0586		71308-0286		71308-0686		71308-1186	71308-1286	86										
88	111.76	4.400	109.22	4.300	71308-0088		71308-0488		71308-0188		71308-0588		71308-0288		71308-0688		71308-1188	71308-1288	88										
90	114.30	4.500	111.76	4.400	71308-0090		71308-0490		71308-0190		71308-0590		71308-0290		71308-0690		71308-1190	71308-1290	90										
92	116.84	4.600	114.30	4.500	71308-0092		71308-0492		71308-0192		71308-0592		71308-0292		71308-0692		71308-1192	71308-1292	92										
94	119.38	4.700	116.84	4.600	71308-0094		71308-0494		71308-0194		71308-0594		71308-0294		71308-0694		71308-1194	71308-1294	94										
96	121.92	4.800	119.38	4.700	71308-0096		71308-0496		71308-0196		71308-0596		71308-0296		71308-0696		71308-1196	71308-1296	96										
98	124.46	4.900	121.92	4.800	71308-0098		71308-0498		71308-0198		71308-0598		71308-0298		71308-0698		71308-1198	71308-1298	98										
100	127.00	5.000	124.46	4.900	71308-0101		71308-0500		71308-0200		71308-0600		71308-0300		71308-0700		71308-1200	71308-1300	100										

NO PEG VERSION
(SEE ALSO SHEET 3)

SEE SHEET 1 EC NO: UCP2009-2465 2009/08/04 DRWIN/WIPER CHKD:SSOUSEK 2009/08/07 APPR:FSMITH 2009/08/10	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION

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)	
DIM. J			5.08 (.200)	5.08 (.200)									7.11 (.280)	7.11 (.280)	
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: UCP2009-2465 DRWN:KIPPER 2009/08/04 CHKD:SSOUSEK 2009/08/07 APPR:FSMITH 2009/08/10	QUALITY SYMBOLS ▽=0 ▽=0	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 ± --- ANGULAR ± 1/2°	mm INCH ± --- ± --- ± .005 ± .010 ± --- ± ---	DRAWN BY KMS	DATE 1999/10/15	TITLE SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100		MOLEX INCORPORATED	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE		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	BULK	TAPE-N-REEL W/ VAC CAPS	BULK	BULK	BULK			
				10-100 CKT	TUBES	TAPE-N-REEL W/ VAC CAPS	TUBES	TAPE-N-REEL W/ VAC CAPS	TUBES	TAPE-N-REEL W/ VAC CAPS	TUBES	TUBES	TUBES			
		DIM. M \pm 0.25 MM		6.10 (.240)		6.10 (.240)		6.10 (.240)		8.13 (.320)	8.13 (.320)	8.13 (.320)				
		PLATING		150 TIN		15 GOLD		30 GOLD		150 TIN	15 GOLD	30 GOLD				
		DIM. H		2.54 (.100)		2.54 (.100)		2.54 (.100)		4.57 (.180)	4.57 (.180)	4.57 (.180)				
		DIM. J		5.08 (.200)		5.08 (.200)		5.08 (.200)		7.11 (.280)	7.11 (.280)	7.11 (.280)				
I	CKTS	DIM. A		DIM. B		DIM. C		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	----	----	015-91-1041	015-91-6044	015-91-1042	015-91-6045	015-91-1043	015-91-6046	015-91-1044	015-91-0047	015-91-1040	04
06	7.62	.300	5.08	.200	2.54	.100	015-91-1061	015-91-6064	015-91-1062	015-91-6065	015-91-1063	015-91-6066	015-91-1064	015-91-0067	015-91-1060	06
08	10.16	.400	7.62	.300	5.08	.200	015-91-1081	015-91-6084	015-91-1082	015-91-6085	015-91-1083	015-91-6086	015-91-1084	015-91-0087	015-91-1080	08
10	12.70	.500	10.16	.400	7.62	.300	015-91-1101	015-91-6104	015-91-1102	015-91-6105	015-91-1103	015-91-6106	015-91-1104	015-91-0107	015-91-1100	10
12	15.24	.600	12.70	.500	10.16	.400	015-91-1121		015-91-1122		015-91-1123		015-91-1124	015-91-0127	015-91-1120	12
14	17.78	.700	15.24	.600	12.70	.500	015-91-1141	015-91-6144	015-91-1142	015-91-6145	015-91-1143	015-91-6146	015-91-1144	015-91-0147	015-91-1140	14
16	20.32	.800	17.78	.700	15.24	.600	015-91-1161	015-91-6164	015-91-1162	015-91-6165	015-91-1163	015-91-6166	015-91-1164	015-91-0167	015-91-1160	16
18	22.86	.900	20.32	.800	17.78	.700	015-91-1181		015-91-1182		015-91-1183		015-91-1184	015-91-0187	015-91-1180	18
20	25.40	1.000	22.86	.900	20.32	.800	015-91-1201		015-91-1202		015-91-1203		015-91-1204	015-91-0207	015-91-1200	20
22	27.94	1.100	25.40	1.000	22.86	.900	015-91-1221		015-91-1222		015-91-1223		015-91-1224	015-91-0227	015-91-1220	22
24	30.48	1.200	27.94	1.100	25.40	1.000	015-91-1241		015-91-1242		015-91-1243		015-91-1244	015-91-0247	015-91-1240	24
26	33.02	1.300	30.48	1.200	27.94	1.100	015-91-1261		015-91-1262		015-91-1263		015-91-1264	015-91-0267	015-91-1260	26
28	35.56	1.400	33.02	1.300	30.48	1.200	015-91-1281		015-91-1282		015-91-1283		015-91-1284	015-91-0287	015-91-1280	28
30	38.10	1.500	35.56	1.400	33.02	1.300	015-91-1301		015-91-1302		015-91-1303		015-91-1304	015-91-0307	015-91-1300	30
32	40.64	1.600	38.10	1.500	35.56	1.400	015-91-1321		015-91-1322		015-91-1323		015-91-1324	015-91-0327	015-91-1320	32
34	43.18	1.700	40.64	1.600	38.10	1.500	015-91-1341		015-91-1342		015-91-1343		015-91-1344	015-91-0347	015-91-1340	34
36	45.72	1.800	43.18	1.700	40.64	1.600	015-91-1361		015-91-1362		015-91-1363		015-91-1364	015-91-0367	015-91-1360	36
38	48.26	1.900	45.72	1.800	43.18	1.700	015-91-1381		015-91-1382		015-91-1383		015-91-1384	015-91-0387	015-91-1380	38
40	50.80	2.000	48.26	1.900	45.72	1.800	015-91-1401		015-91-1402		015-91-1403		015-91-1404	015-91-0407	015-91-1400	40
42	53.34	2.100	50.80	2.000	48.26	1.900	015-91-1421		015-91-1422		015-91-1423		015-91-1424	015-91-0427	015-91-1420	42
44	55.88	2.200	53.34	2.100	50.80	2.000	015-91-1441		015-91-1442		015-91-1443		015-91-1444	015-91-0447	015-91-1440	44
46	58.42	2.300	55.88	2.200	53.34	2.100	015-91-1461		015-91-1462		015-91-1463		015-91-1464	015-91-0467	015-91-1460	46
48	60.96	2.400	58.42	2.300	55.88	2.200	015-91-1481		015-91-1482		015-91-1483		015-91-1484	015-91-0487	015-91-1480	48
50	63.50	2.500	60.96	2.400	58.42	2.300	015-91-1501	015-91-6504	015-91-1502	015-91-6505	015-91-1503	015-91-6506	015-91-1504	015-91-0507	015-91-1500	50
52	66.04	2.600	63.50	2.500	60.96	2.400	015-91-1521		015-91-1522		015-91-1523	71308-5203	015-91-1524	015-91-0527	015-91-1520	52
54	68.58	2.700	66.04	2.600	63.50	2.500	015-91-1541		015-91-1542		015-91-1543		015-91-1544	015-91-0547	015-91-1540	54
56	71.12	2.800	68.58	2.700	66.04	2.600	015-91-1561		015-91-1562		015-91-1563		015-91-1564	015-91-0567	015-91-1560	56
58	73.66	2.900	71.12	2.800	68.58	2.700	015-91-1581		015-91-1582		015-91-1583		015-91-1584	015-91-0587	015-91-1580	58
60	76.20	3.000	73.66	2.900	71.12	2.800	015-91-1601		015-91-1602		015-91-1603		015-91-1604	015-91-0607	015-91-1600	60
62	78.74	3.100	76.20	3.000	73.66	2.900	015-91-1621		015-91-1622		015-91-1623		015-91-1624	015-91-0627	015-91-1620	62
64	81.28	3.200	78.74	3.100	76.20	3.000	015-91-1641		015-91-1642		015-91-1643		015-91-1644	015-91-0647	015-91-1640	64
66	83.82	3.300	81.28	3.200	78.74	3.100	015-91-1661		015-91-1662		015-91-1663		015-91-1664	015-91-0667	015-91-1660	66
68	86.36	3.400	83.82	3.300	81.28	3.200	015-91-1681		015-91-1682		015-91-1683		015-91-1684	015-91-0687	015-91-1680	68
70	88.90	3.500	86.36	3.400	83.82	3.300	015-91-1701		015-91-1702		015-91-1703		015-91-1704	015-91-0707	015-91-1700	70
72	91.44	3.600	88.90	3.500	86.36	3.400	015-91-1721		015-91-1722		015-91-1723		015-91-1724	015-91-0727	015-91-1720	72
74	93.98	3.700	91.44	3.600	88.90	3.500	015-91-1741		015-91-1742		015-91-1743		015-91-1744	015-91-0747	015-91-1740	74
76	96.52	3.800	93.98	3.700	91.44	3.600	015-91-1761		015-91-1762		015-91-1763		015-91-1764	015-91-0767	015-91-1760	76
78	99.06	3.900	96.52	3.800	93.98	3.700	015-91-1781		015-91-1782		015-91-1783		015-91-1784	015-91-0787	015-91-1780	78
80	101.60	4.000	99.06	3.900	96.52	3.800	015-91-1801		015-91-1802		015-91-1803		015-91-1804	015-91-0807	015-91-1800	80
82	104.14	4.100	101.60	4.000	99.06	3.900	71308-4082		71308-4182		71308-4282		71308-5082	71308-5182	71308-5282	82
84	106.68	4.200	104.14	4.100	101.60	4.000	71308-4084		71308-4184		71308-4284		71308-5084	71308-5184	71308-5284	84
86	109.22	4.300	106.68	4.200	104.14	4.100	71308-4086		71308-4186		71308-4286		71308-5086	71308-5186	71308-5286	86
88	111.76	4.400	109.22	4.300	106.68	4.200	71308-4088		71308-4188		71308-4288		71308-5088	71308-5188	71308-5288	88
90	114.30	4.500	111.76	4.400	109.22	4.300	71308-4090		71308-4190		71308-4290		71308-5090	71308-5190	71308-5290	90
92	116.84	4.600	114.30	4.500	111.76	4.400	71308-4092		71308-4192		71308-4292		71308-5092	71308-5192	71308-5292	92
94	119.38	4.700	116.84	4.600	114.30	4.500	71308-4094		71308-4194		71308-4294		71308-5094	71308-5194	71308-5294	94
96	121.92	4.800	119.38	4.700	116.84	4.600	71308-4096		71308-4196		71308-4296		71308-5096	71308-5196	71308-5296	96
98	124.46	4.900	121.92	4.800	119.38	4.700	71308-4098		71308-4198		71308-4298		71308-5098	71308-5198	71308-5298	98
100	127.00	5.000	124.46	4.900	121.92	4.800	71308-4100		71308-4200		71308-4300		71308-5100	71308-5200	71308-5300	100

LONG PEG VERSION (.130")

SEE SHEET 1
 EC NO: UCP2009-2465
 DRWIN/KIPPER
 CHKD:SSOUSEK
 APPR:FSM/TH

2009/08/04
 2009/08/07
 2009/08/10

DESCRIPTION

REV: K3

QUALITY SYMBOLS

▴=0
 ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .001	± .0005
3 PLACES	± .001	± .0005
2 PLACES	± 0.13	± .010
1 PLACE	± 0.25	± .010

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
 MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM/IN

DRAWN BY DATE
 KMS 1999/10/15

CHECKED BY DATE
 KMS 1999/10/15

APPROVED BY DATE
 KMS 1999/10/15

MATERIAL NO.
 SEE TABLE

SHEET NO.
 4 OF 6

SCALE DESIGN UNITS
 INCH

THIRD ANGLE PROJECTION

TITLE
 SALES ASSY INSULATOR
 DUAL ROW SMT W/BREAK-OFF
 .025SQ PIN GULLWING .100

MOLEX INCORPORATED

DOCUMENT NO.
 SD-71308-001

13	12	11	10	9	8	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				
			10-100 CKT	TUBES	TAPE-N-REEL W/ VAC CAPS	TUBES	TAPE-N-REEL W/ VAC CAPS				
			DIM. M±0.25 MM		6.10 (.240)		6.10 (.240)				
			PLATING		30 GOLD		150 TIN				
			DIM. H		2.54 (.100)		2.54 (.100)				
		DIM. J		5.08 (.200)		5.08 (.200)					

CKTS	DIM. A		DIM. B		DIM. C		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								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	015-91-6407									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: UCP2009-2465 DRW:MKIPPER 2009/08/04 CHKD:SSOUSEK 2009/08/07 APPR:FSMITH 2009/08/10 K3	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE INCH		DESIGN UNITS INCH		THIRD ANGLE PROJECTION	
		mm		INCH		DRAWN BY KMS		DATE 1999/10/15		TITLE SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100	
		4 PLACES ± ---		± ---		CHECKED BY		DATE			
		3 PLACES ± ---		± .005		KMS		1999/10/15			
		2 PLACES ± 0.13		± .010		APPROVED BY		DATE			
1 PLACE ± 0.25		± ---		KMS		1999/10/15					
ANGULAR ±1/2°				MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE		SD-71308-001		5 OF 6			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

NO PEG VERSION

Table with columns for NO PEG VERSION, LONG PEG VERSION (.130"), and SHORT PEG VERSION (.055").

Table with columns for PACKAGING SEE NOTE 4, SHT 1, 4-6 CKT, 8-100 CKT, BULK, TAPE-N-REEL W/VAC CAPS, N/A, TUBES, TAPE-N-REEL W/VAC CAPS, TUBES W/ VAC CAPS.

Table with dimensions: DIM. M=0.25 MM, PLATING, DIM. H, DIM. J, and material: 59 TIN.

Main table with columns: CKTS, DIM. A, DIM. B, DIM. C, EDP NUMBER, and CKTS. Rows 04 to 100.

59 TIN PLATE ASSEMBLIES

Technical drawing title block containing revision history, general tolerances, dimension style (MM/IN), scale (1:1), design units (INCH), and company information (MOLEX INCORPORATED).