

DIM. "M"	DIM. "G"
$\frac{6.10}{.240}$	$\frac{10.67}{.420}$
$\frac{8.13}{.320}$	$\frac{12.70}{.500}$

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

PEG OPTIONS

SECTION Z-Z

NOTES:

1. MATERIALS: INSULATOR: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP). UL94 V-0, COLOR: BLACK
TERMINAL: COPPER ALLOY
2. FINISH:
- 59 TIN - 0.00150/0.00059 MINIMUM BRIGHT TIN OVER NICKEL OVERALL.
150 TIN - 0.00381/0.00150 MINIMUM BRIGHT TIN OVER NICKEL OVERALL.
15 GOLD - 0.00038/0.00015 MINIMUM GOLD IN SELECT AREA OVER
0.00191/0.00075 MINIMUM TIN IN SELECT AREA
OVER NICKEL OVERALL.
30 GOLD - 0.00076/0.00030 MINIMUM GOLD IN SELECT AREA OVER
0.00191/0.00075 MINIMUM TIN IN SELECT AREA
OVER NICKEL OVERALL.
50 GOLD - 0.00127/0.00050 MINIMUM GOLD IN SELECT AREA OVER
0.00254/0.00100 MINIMUM TIN IN SELECT AREA
OVER NICKEL OVERALL.
3. PART TO CONFORM TO PS-71308.
4. 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.
5. TYP. DIMENSIONS FOR LANDS SURROUNDING HOLES FOR RETENTION PEGS.
6. PIN SOLERABILITY PER MOLEX SPEC. ES-152.
7. SEE SHEETS 2-5 FOR CHARTED DIMS., PART/EDP NO'S, AND VOIDED CIRCUITS.
8. PIN PUSHOUT FORCE: 3 LBS. MINIMUM.
9. PICK-N-PLACE CAPS WILL BE PLACED SO THAT VACUUM PICK UP AREA
WILL BE IN CENTER OF PART.
10. COPLANARITY FOR CIRCUIT SIZES UP TO 40 IS 0.15 MM/0.006 INCH.
FOR CIRCUIT SIZES 42 AND LARGER, CONTACT MOLEX SALES DEPARTMENT.
11. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
COSMETIC SPECIFICATION PS-45499-002.
12. MEASURE POINT FOR PLATING THICKNESS.
-
- H
SEE NOTE 12
- 3.56 ± 0.25
.140 ± 0.010
.010

ROW "A"

ROW "B"

Technical drawing of a mechanical part, likely a connector or probe, showing dimensions and tolerances. The drawing includes a top view and a side view. Key dimensions include:

- Overall width: 6.99 ± 0.51 (0.275 ± 0.020)
- Overall height: 1.27 ± 0.05 (REF)
- Central feature diameter: 3.56 ± 0.25 (0.140 ± 0.010)
- Top view feature: 2.54 (0.100)
- Side view feature: 1.27 (0.05 REF)
- Note: NO PEG SEE PEG OPTIONS

$$\frac{0.64 \pm 0.13}{.025 \pm .005}$$

SEE NOTE 5

$$\frac{1.58 \pm 0.05}{.062 \pm .002}$$

2.22 REF.
.088

$$\frac{0.64 \pm 0.13}{.025 \pm .005} \rightarrow$$

SEE NOTE 5

⊕ 0.50/.020 U X FOR PARTS WITH PEGS

— $\text{⌀}0.50/.020\text{U|Y}$ FOR PARTS WITHOUT PEGS

TO LOCATE VOIDED CIRCUITS

— "A" ± 0.38
 $\pm .015$
 CUTOFF

Technical drawing of a multi-pin connector assembly. The drawing shows a side view of a connector with multiple pins. Key dimensions and features include:

- Overall Length:** Indicated by a dimension line at the top labeled $-W-$.
- Pin Diameter:** A feature control frame points to a pin with the specification $\text{Ø } 0.38 / .015 \text{ U|V|W}$.
- Pin Spacing:** A dimension line indicates a typical spacing of $\frac{2.54}{.100}$.
- Pin Count:** Pins are numbered 2, 3, and N.
- Height:** A dimension line on the right indicates a height of $"M"$.
- Optional Peg:** A feature labeled "OPTIONAL PEG" is shown at the bottom right.
- Coplanarity:** A dimension line indicates "COPLANARITY - SEE NOTE 10".
- Dimensions C and B:** Dimension lines at the bottom indicate lengths $"C"$ and $"B"$.
- Reference Frames:** Reference frames $-X-$ and $-Y-$ are indicated at the bottom right.

K5	CORRECT DIM H
	EC NO: UCP2014-0809
	DRWN:MK IPPER 2013/08/20
	CH'KD:JBELL 2013/08/20
	APPR:FSMITH 2013/09/03

REV	DESCRIPTION	QUALITY SYMBOLS
		 = 0
		 = 0
		 = 0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± .---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .010
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---
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 TABLES	
SIZE	THIS DRAWING CONTAINS INCORPORATED AND

SCALE	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
TITLE		
SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100		
		
DOCUMENT NO.	SD-71308-001	SHEET NO. 1 OF 6
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX 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			4-6 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 W/ VAC CAPS		TUBES		TAPE-N-REEL W/ VAC CAPS		TUBES W/ VAC CAPS				TUBES		TUBES			
			DIM. M±0.25 MM				6.10 (.240)				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)				2.54 (.100)				4.57 (.180)				4.57 (.180)			
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	EDP NUMBER	EDP NUMBER	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.																											

		13		12		11			10		9		8		7		6		5		4		3		2		1																												
J		IN TAPE AND REEL WITH SHALLOW POCKET TAPE										BULK / IN TUBES										J																																	
		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																																																		
H	04	5.08	.200	5.08	.100	015-91-6148		015-91-6068																							04																								
	06	7.62	.300	5.08	.200																										06																								
	08	10.16	.400	7.62	.300																										08																								
	10	12.70	.500	10.16	.400																										10																								
	12	15.24	.600	12.70	.500	713088010																									12																								
	14	17.78	.700	15.24	.600																										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
G	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																								
F	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																								
E	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																								
D	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																								
	B	NO PEG VERSION																													SEE SHEET 1		REV		DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION		SHEET NO.						
MM/IN												INCH		INCH																																									
A	(ALSO SEE SHEET 2)										K5										DRAWN BY		DATE		TITLE		DOCUMENT NO.		3 OF 6																										
																					KMS		1999/10/15		SALES ASSY INSULATOR																														
																				CHECKED BY		DATE		SD-71308-001																															
																				KMS		1999/10/15						DUAL ROW SMT W/BREAK-OFF																											
																				APPROVED BY		DATE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																															
																				KMS		1999/10/15						.025SQ PIN GULLWING .100																											
																						MATERIAL NO.		SEE TABLE																															
																						SIZE		C						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±1/2°																							

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		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±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)													
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	EDP NUMBER	EDP NUMBER	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		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	71308-6901	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																																										

B		LONG PEG VERSION (.130")		ADD 71308-6901 EC NO:
---	--	--------------------------	--	--------------------------

		13		12		11		10		9		8		7		6		5		4		3		2		1																																																			
J				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)																																																																			
I		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															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																																																			
B		SHORT PEG VERSION (.055")																												REV		K5		SEE SHEET 1 EC NO: UCP2014-0809 DRAWN:KIPPER CHKD:JBELL APPR:FSMITH 2013/08/20 2013/08/20 2013/09/03		QUALITY SYMBOLS ▽=0 ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±.--- ±.--- 3 PLACES ±.--- ±.005 2 PLACES ±0.13 ±.010 1 PLACE ±0.25 ±.--- 0 PLACE ±.--- ±.---				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				SCALE INCH		DESIGN UNITS INCH		THIRD ANGLE PROJECTION		TITLE SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100		DOCUMENT NO. SD-71308-001		SHEET NO. 5 OF 6																					
A																																																														ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO. SEE TABLE											
																																																														SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
		1b_frame_C_P_AM.T Rev. G 2012/01/11		12		11		10		9		8		7		6		5		4		3		2		1																																																			

