

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0015913360](#)
Status: **Active**
Description: 2.54mm (.100") Pitch C-Grid® Header, Surface Mount, Dual Row, Vertical, 36 Circuits, 0.76µm (30µ") Gold (Au) Selective Plating, without PCB Locator Pegs

Documents:

3D Model	Product Specification PS-71308 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification (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

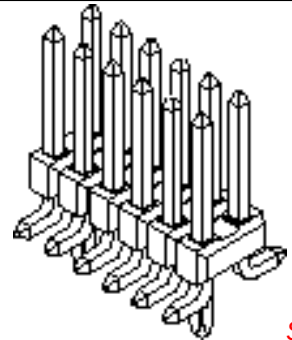
Breakaway	Yes
Circuits (Loaded)	36
Circuits (maximum)	36
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Plating min: Mating (µin)	32
Plating min: Mating (µm)	0.8
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
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Series
image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
**Halogen-Free
Status**

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](#)

Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Old Part Number	71308-0236N
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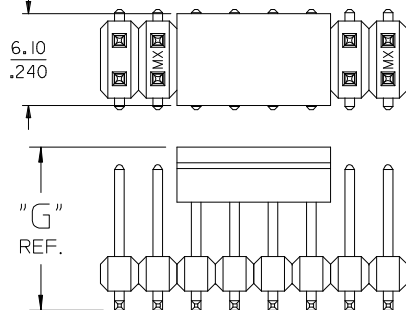
Reference - Drawing Numbers

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

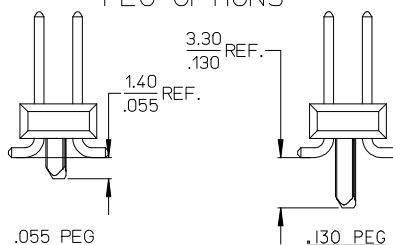
This document was generated on 03/30/2010

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OPTIONAL PICK AND PLACE CAP SEE NOTES 4 & 9.



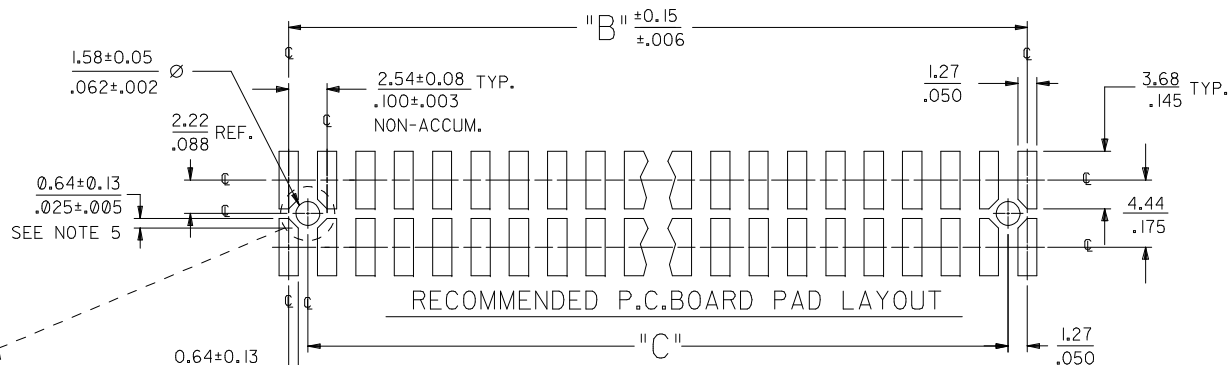
PEG OPTIONS



NOTES:

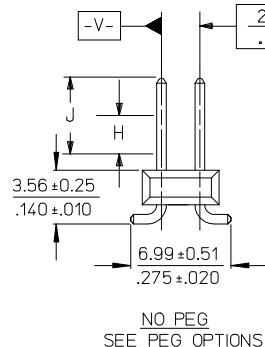
- MATERIALS: INSULATOR: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL94 V-0, COLOR: BLACK
TERMINAL: COPPER ALLOY
- FINISH:
59 TIN - 0.00150/.000059 MINIMUM BRIGHT TIN OVER NICKEL OVERALL.
150 TIN - 0.00381/.000150 MINIMUM BRIGHT TIN OVER NICKEL OVERALL.
15 GOLD - 0.00038/.000015 MINIMUM GOLD IN SELECT 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.

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

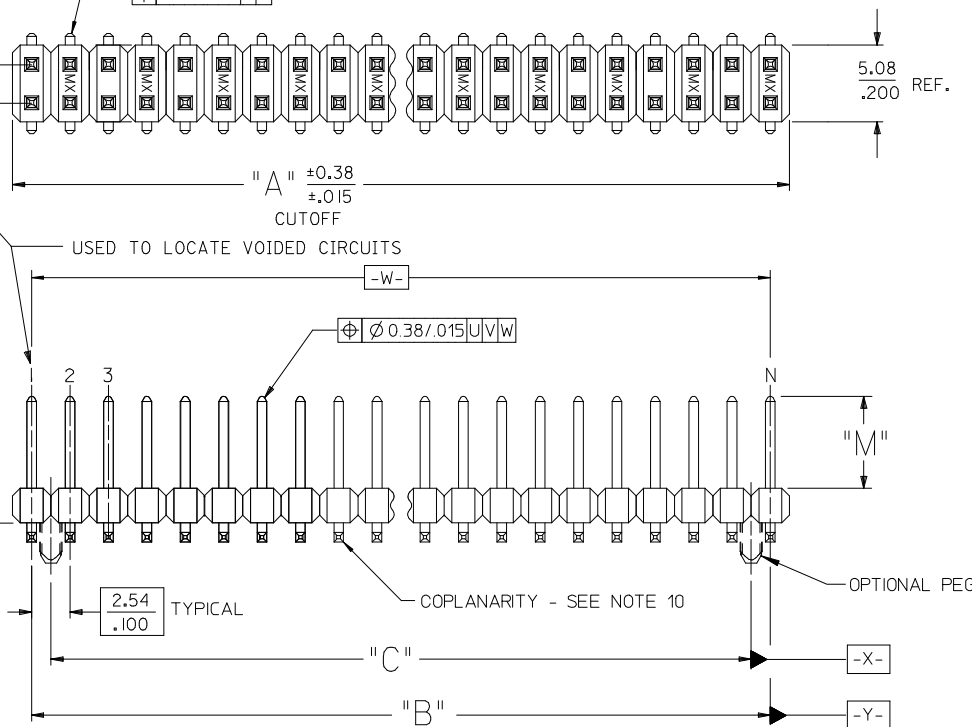


P.C. BOARD PAD LAYOUT
AT ENDS FOR NO PEG VERSION.

ROW "A"
ROW "B"



NO PEG
SEE PEG OPTIONS



12CKT TAPE & REEL		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: UCP2009-2465		DESCRIPTION		mm		MM/IN		INCH		INCH		INCH	
2009/08/04		DRWN:KIPPER		±---		KMS		DATE		DATE		DATE	
2009/08/07		CHKD:SSOUSEK		±.005		KMS		DATE		DATE		DATE	
2009/08/10		APPR:FSMITH		±.010		KMS		DATE		DATE		DATE	
K3		REV		±.025		KMS		DATE		DATE		DATE	
				ANGULAR ±1/2°		MATERIAL NO.		SEE TABLES		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					

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

SD-71308-001

1 OF 6

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 W/ VAC CAPS		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	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																											
H	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															
G	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															
F	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															
E	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															
C	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															
	B		NO PEG VERSION (SEE ALSO SHEET 3)																SEE SHEET 1 EC NO: UCP2009-2465 DRAWN BY: IPER CHKD: SSOUEK APPR: FSMITH 2009/08/04 2009/08/07 2009/08/10	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	mm		INCH		DRAWN BY		DATE		TITLE	SCALE	DESIGN UNITS
4 PLACES ± ---																						± ---		KMS		1999/10/15		CHECKED BY				
A																		K3	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	1 PLACES ± 0.13		± .010		KMS		1999/10/15		MOLEX MOLEX INCORPORATED	SD-71308-001	2 OF 6	
																					ANGULAR ± 1/2°		± ---		KMS		1999/10/15					
																		MATERIAL NO.		DOCUMENT NO.		SHEET NO.										
																		SIZE		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. E 2006/04/15		12		11		10		9		8		7		6		5		4		3		2		1								

		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)									
DIM. J				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	CKTS												
		MM	IN	MM	IN																							
H	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												
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 (ALSO SEE SHEET 2)										SEE SHEET 1 EC NO: UCP2009-2465 DRWN:KIPPER 2009/08/04 CHKD:SSOUSEK 2009/08/07 APPR:FSMITH 2009/08/10		REV K3	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE		DESIGN UNITS INCH		THIRD ANGLE PROJECTION		TITLE SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100 MOLEX MOLEX INCORPORATED	DOCUMENT NO. SD-71308-001
DRAWN BY KMS												DATE 1999/10/15					CHECKED BY KMS		DATE 1999/10/15		APPROVED BY KMS		DATE 1999/10/15		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
A	1b_frame_C_P_AM_T Rev. E 2006/04/15	12	11	10	9	8	7	6	5	4	3	2	1															

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±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)							
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	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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					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					71308-5288			88				
90	114.30	4.500																									

		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		4-8 CKT		TAPE-N-REEL W/VAC CAPS		BULK		BULK		BULK		TAPE-N-REEL W/VAC CAPS		BULK		BULK		TAPE-N-REEL W/ VAC CAPS					
						NO PEG VERSION						NO PEG VERSION		LONG PEG VERSION (.130")		SHORT PEG VERSION (.055")																	
						TUBES		TAPE-N-REEL W/VAC CAPS		TUBES W/ VAC CAPS		10-100 CKT		TAPE-N-REEL W/VAC CAPS		TUBES		TUBES		TUBES		TUBES		BULK		TAPE-N-REEL W/ VAC CAPS							
								DIM. M±0.25 MM		6.10 (.240)						8.13(.320)		13.59(.535)		6.10(.240)		8.13(.320)		6.10 (.240)									
								PLATING		59 TIN						59 TIN		59 TIN		59 TIN		59 TIN		59 TIN									
								DIM. H		2.54(.100)						4.57(.180)		4.57(.180)		2.54(.100)		4.57(.180)		2.54(.100)									
								DIM. J		5.08(.200)						7.11(.280)		7.11(.280)		5.08(.200)		7.11(.280)		5.08(.200)									
		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		---		71308-5404		71308-5504		N/A						71308-6404		71308-6504		71308-6604				04					
		06 7.62 .300		5.08 .200		2.54 .100		---		71308-5406		71308-5506		N/A						71308-6406		71308-6506		71308-6606		71308-6706		71308-6806		06			
		08 10.16 .400		7.62 .300		5.08 .200		---		71308-5408		71308-5508		71308-5608						71308-6408		71308-6508		71308-6608		71308-6708		71308-6808		08			
		10 12.70 .500		10.16 .400		7.62 .300		---		71308-5410		71308-5510		71308-5610				71308-5810		71308-5910		71308-6410		71308-6510		71308-6610		71308-6710		71308-6810		10	
		12 15.24 .600		12.70 .500		10.16 .400		---		71308-5412		71308-5512		71308-5612								71308-6412		71308-6612						12			
		14 17.78 .700		15.24 .600		12.70 .500		---		71308-5414		71308-5514		71308-5614								71308-6414		71308-6514		71308-6614				14			
		16 20.32 .800		17.78 .700		15.24 .600		---		71308-5416		71308-5516		71308-5616				71308-5816				71308-6416		71308-6516		71308-6616				16			
		18 22.86 .900		20.32 .800		17.78 .700		---		71308-5418				71308-5618								71308-6418		71308-6618						18			
		20 25.40 1.000		22.86 .900		20.32 .800		---		71308-5420		71308-5520		71308-5620								71308-6420		71308-6620						20			
		22 27.94 1.100		25.40 1.000		22.86 .900		---		71308-5422				71308-5622								71308-6422		71308-6622						22			
		24 30.48 1.200		27.94 1.100		25.40 1.000		---		71308-5424				71308-5624				71308-5724		71308-5824		71308-6424		71308-6624						24			
		26 33.02 1.300		30.48 1.200		27.94 1.100		---		71308-5426				71308-5626								71308-6426		71308-6626		71308-6726				26			
		28 35.56 1.400		33.02 1.300		30.48 1.200		---		71308-5428				71308-5628								71308-6428		71308-6628						28			
		30 38.10 1.500		35.56 1.400		33.02 1.300		---		71308-5430				71308-5630								71308-6430		71308-6630						30			
		32 40.64 1.600		38.10 1.500		35.56 1.400		---		71308-5432				71308-5632								71308-6432		71308-6632						32			
		34 43.18 1.700		40.64 1.600		38.10 1.500		---		71308-5434				71308-5634								71308-6434		71308-6634						34			
		36 45.72 1.800		43.18 1.700		40.64 1.600		---		71308-5436				71308-5636								71308-6436		71308-6636						36			
		38 48.26 1.900		45.72 1.800		43.18 1.700		---		71308-5438				71308-5638								71308-6438		71308-6638						38			
		40 50.80 2.000		48.26 1.900		45.72 1.800		---		71308-5440		71308-5540		71308-5640								71308-6440		71308-6640						40			
		42 53.34 2.100		50.80 2.000		48.26 1.900		---		71308-5442				71308-5642								71308-6442		71308-6642						42			
		44 55.88 2.200		53.34 2.100		50.80 2.000		---		71308-5444				71308-5644								71308-6444		71308-6644						44			
		46 58.42 2.300		55.88 2.200		53.34 2.100		---		71308-5446				71308-5646								71308-6446		71308-6646						46			
		48 60.96 2.400		58.42 2.300		55.88 2.200		---		71308-5448				71308-5648								71308-6448		71308-6648						48			
		50 63.50 2.500		60.96 2.400		58.42 2.300		---		71308-5450		71308-5550		71308-5650								71308-6450		71308-6550		71308-6650				50			
		52 66.04 2.600		63.50 2.500		60.96 2.400		---		71308-5452				71308-5652								71308-6452		71308-6652						52			
		54 68.58 2.700		66.04 2.600		63.50 2.500		---		71308-5454				71308-5654								71308-6454		71308-6654						54			
		56 71.12 2.800		68.58 2.700		66.04 2.600		---		71308-5456				71308-5656								71308-6456		71308-6656						56			
		58 73.66 2.900		71.12 2.800		68.58 2.700		---		71308-5458				71308-5658								71308-6458		71308-6658						58			
		60 76.20 3.000		73.66 2.900		71.12 2.800		---		71308-5460				71308-5660								71308-6460		71308-6660						60			
		62 78.74 3.100		76.20 3.000		73.66 2.900		---		71308-5462				71308-5662								71308-6462		71308-6662						62			
		64 81.28 3.200		78.74 3.100		76.20 3.000		---		71308-5464				71308-5664								71308-6464		71308-6664						64			
		66 83.82 3.300		81.28 3.200		78.74 3.100		---		71308-5466				71308-5666								71308-6466		71308-6666						66			
		68 86.36 3.400		83.82 3.300		81.28 3.200		---		71308-5468				71308-5668								71308-6468		71308-6668						68			
		70 88.90 3.500		86.36 3.400		83.82 3.300		---		71308-5470				71308-5670								71308-6470		71308-6670						70			
		72 91.44 3.600		88.90 3.500		86.36 3.400		---		71308-5472				71308-5672								71308-6472		71308-6672						72			
		74 93.98 3.700		91.44 3.600		88.90 3.500		---		71308-5474				71308-5674								71308-6474		71308-6674						74			
		76 96.52 3.800		93.98 3.700		91.44 3.600		---		71308-5476				71308-5676								71308-6476		71308-6676						76			
		78 99.06 3.900		96.52 3.800		93.98 3.700		---		71308-5478				71308-5678								71308-6478		71308-6678						78			
		80 101.60 4.000		99.06 3.900		96.52 3.800		---		71308-5480				71308-5680								71308-6480		71308-6680						80			
		82 104.14 4.100		101.60 4.000		99.06 3.900		---		71308-5482				71308-5682								71308-6482		71308-6682						82			
		84 106.68 4.200		104.14 4.100		101.60 4.000		---		71308-5484				71308-5684								71308-6484		71308-6684						84			
		86 109.22 4.300		106.68 4.200		104.14 4.100		---		71308-5486				71308-5686								71308-6486		71308-6686						86			
		88 111.76 4.400		109.22 4.300		106.68 4.200		---		71308-5488				71308-5688								71308-6488		71308-6688						88			
		90 114.30 4.500		111.76 4.400		109.22 4.300		---		71308-5490				71308-5690								71308-6490		71308-6690						90			
		92 116.84 4.600		114.30 4.500		111.76 4.400		---		71308-5492				71308-5692								71308-6492		71308-6692						92			
		94 119.38 4.700		116.84 4.600		114.30 4.500		---		71308-5494				71308-5694								71308-6494		71308-6694						94			
		96 121.92 4.800		119.38 4.700		116.84 4.600		---		71308-5496				71308-5696								71308-6496		71308-6696						96			
		98 124.46 4.900		121.92 4.800		119.38 4.700		---		71308-5498				71308-5698								71308-6498		71308-6698						98			
		100 127.00 5.000		124.46 4.900		121.92 4.800		---		71308-5500				71308-5700								71308-6500		71308-6700						100			
B		59 TIN PLATE ASSEMBLIES		SEE SHEET 1 EC NO: UCP2009-2465 DRAWN:MK IPPER 2009/08/04 CHKD:SSOUSEK 2009/08/07 APPR:FSM LTH 2009/08/10		QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .010 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°		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 1:1 DESIGN UNITS INCH		THIRD ANGLE PROJECTION		SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100		MOLEX INCORPORATED		SHEET NO. 6 OF 6													
								DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-71308-001																					