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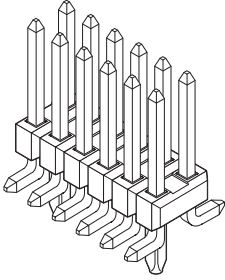
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Jameco Part Number 1962463

2.54mm (.100") Pitch C-Grid® Breakaway Header

71308

**Dual Row, SMT, Vertical
With or Without Peg**



Features and Benefits

- Available with or without retention pegs
- Gull wing surface mount tails
- Vapor phase/IR reflow process compatible
- Stackable end-to-end (on unbroken edges)
- Drawn .025" square wire provides 4-sided smooth interface

Reference Information

Product Specification: PS-71308

Packaging: Tube or tape and reel*

UL File No.: E29179

CSA File No.: LR19980

Mates With: 7859 Shunts, C-Grid Receptacles, SL Crimp, FFC and IDT Housings

Designed In: Inches

* Contact Molex for tape and reel order numbers

Electrical

Voltage: 250V

Current: 3.0A

Contact Resistance: 15 milliohms max.

Dielectric Withstanding Voltage: 1500V

Insulation Resistance: 1000 Megohms min.

Mechanical

Pin Retention to Header: 17.79N (4 lb)

Insertion Force to PCB: 35.58N (8 lb) per peg

Durability: Tin—25 cycles; Gold—50 cycles

Physical

Housing: Black high-temperature thermal plastic, UL 94V-0

Contact: Copper Alloy

Plating: See Table

Operating Temperature: -40 to +105°C

Screened Paste Thickness: .010 to .015"

Not For Use With Molex C-Grid III™ Components

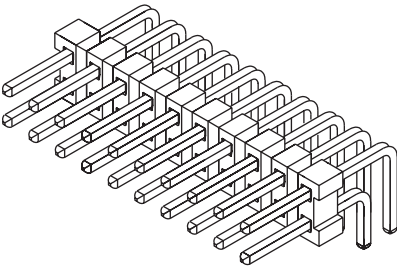
Plating Option	Order No.		Lead-free
	Without PCB Retention Pegs	With PCB Retention Pegs	
150µ" Tin	15-91-2XX0	15-91-1XX1	Yes
15µ" Gold	15-91-0XX0	15-91-1XX2	
30µ" Gold	15-91-3XX0	15-91-1XX3	

Replace XX with no. of circuits, 04-80 (even only). See Sales drawing for 82-100.

2.54mm (.100") C-Grid® Breakaway Header

71764

**Low Profile, Dual Row
Right Angle,
High-Temperature**



Features and Benefits

- Sizes 4 to 30 circuits
- Low profile: .200" high
- Stackable end-to-end (on unbroken edges)
- Easy breakaway to smaller sizes
- Drawn .025" square wire provides 4-sided smooth surface for quality interface
- High-temperature wafer for SMT compatibility

Reference Information

Product Specification: PS-71764

Packaging: Tube

UL File No.: E29179

Mates With: 7859 Shunts, C-Grid Receptacles, SL Crimp, FFC and IDT Housings

Designed In: Inches

Electrical

Voltage: 250V

Current: 3.0A

Contact Resistance: 15 milliohms max.

Dielectric Withstanding Voltage: 1500V

Insulation Resistance: 1000 Megohms min.

Mechanical

Pin Retention to Header: 17.79N (4 lb)

Durability: Tin—25 cycles; Gold—50 cycles

Physical

Housing: Black high-temperature thermal plastic, UL 94V-0

Contact: Copper Alloy

Plating: See Table

Operating Temperature: -40 to +105°C

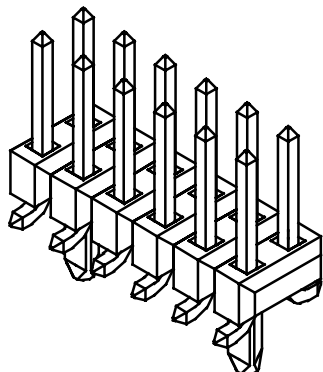
Not For Use With Molex C-Grid III™ Components

Plating Option	Order No.	Lead-free
15µ" min. select Gold	71764-01XX	Yes
30µ" min. select Gold	71764-02XX	
150µ" Tin/Lead, Nickel overall	71764-00XX	

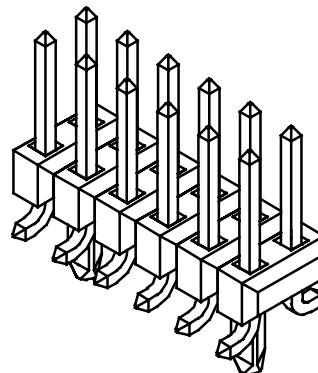
Replace XX with no. of circuits, 04-30 (even only)



PRODUCT SPECIFICATION



SERIES 71308



SERIES 79168

C-GRID® SMT .100" GRID DUAL ROW HEADERS SERIES 71308 AND 79168

- 1.0 SCOPE**
- 2.0 PRODUCT DESCRIPTION**
 - 2.1 PRODUCT NAME AND SERIES NUMBERS**
 - 2.2 DIMENSIONS, MATERIALS, PLATINGS AND MARKINGS**
 - 2.3 SAFETY AGENCY APPROVALS**
- 3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS**
 - 3.1 MOLEX DOCUMENTS**
 - 3.2 OTHER DOCUMENTS**
- 4.0 RATINGS**
 - 4.1 VOLTAGE**
 - 4.2 CURRENT**
 - 4.3 TEMPERATURE**
- 5.0 PERFORMANCE**
 - 5.1 ELECTRICAL REQUIREMENTS**
 - 5.2 MECHANICAL REQUIREMENTS**
 - 5.3 ENVIRONMENTAL REQUIREMENTS**
- 6.0 PACKAGING**

REVISION: D2	ECR/ECN INFORMATION: EC No: UCP2007-1986 DATE: 2007/02/08	TITLE: .100" GRID VERTICAL DUAL ROW SURFACE MOUNT HEADERS	SHEET No. 1 of 3
DOCUMENT NUMBER: PS-71308	CREATED / REVISED BY: PRIDDER	CHECKED BY: ADERR	APPROVED BY: FSMITH



PRODUCT SPECIFICATION

1.0 SCOPE:

This specification covers C-Grid® dual row surface mount headers. They utilize a gull wing design for surface mounting. C-Grid® surface mount headers are offered in low profile and high profile versions. The high profile version (SERIES 79168) has the wafer positioned .025in (0.64mm) higher than the low profile (SERIES 71308). The mating pins are .025in (0.64mm) square on a .100in (2.54mm) grid.

2.0 PRODUCT DESCRIPTION:

2.1 PRODUCT NAME AND SERIES NUMBER(S)

2.1.1 SERIES 71308: Low profile vertical surface mount header.

2.1.2 SERIES 79168: High profile vertical surface mount header.

DIMENSIONS, MATERIALS, PLATINGS AND MARKINGS

C-Grid® series 71308 and 79168 are available in circuit sizes of 4 through 80 circuits and is end to end stackable. The wafer is made from glass filled Liquid Crystal Polymer, (LCP) having a UL 94V-0 flammability rating. Mating pin lengths are .240in (6.0mm), and .320in (8.1mm) with gold or tin plating. Integral mounting pegs are offered in two lengths for each series as an option to aid assembly and/or retention during soldering. For further details, refer to sales document in section 3.1.

2.2 SAFETY AGENCY APPROVALS

2.2.1 UNDERWRITERS' LABORATORIES (UL) FILE NUMBER: E29179

2.2.2 CANADIAN STANDARDS ASSOCIATION (CSA) FILE NUMBER: LR19980

3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS

3.1 MOLEX DOCUMENTS

SD--71308-001	SALES DRAWING FOR LOW PROFILE C-GRID® SMT HEADER
SDA-79168-****	SALES DRAWING FOR HIGH PROFILE C-GRID® SMT HEADER
PK-70873-0353	PACKAGING SPECIFICATION FOR BULK PACKAGED PRODUCT (CIRCUIT SIZES 4-8)
PK-70873-0041	PACKAGING SPECIFICATION FOR TUBE PACKAGED PRODUCT (CIRCUIT SIZES 10-80)
PK-70873-0691	PACKAGING SPECIFICATION FOR TUBE PACKAGED PRODUCT WITH PICK AND PLACE CAPS
PK-70873-0805	PACKAGING SPECIFICATION FOR TAPE AND REEL PRODUCT WITH PICK AND PLACE CAPS
PS-45499-002	COSMETIC SPECIFICATION

3.2 OTHER DOCUMENTS

MIL STD 202F

4.0 RATINGS

4.1 VOLTAGE: 250 Volts DC

4.2 CURRENT: 3.0 Amps (DC) max

4.3 TEMPERATURE

4.3.1 PROCESSING TEMPERATURE: 245°C max. intermittent.

4.3.2 OPERATING TEMPERATURE: -40°C to +120°C

REVISION:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
D2	EC No: UCP2007-1986 DATE: 2007/02/08	.100" GRID VERTICAL DUAL ROW SURFACE MOUNT HEADERS	2 of 3
DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
PS-71308	PRIDDER	ADERR	FSMITH



PRODUCT SPECIFICATION

5.0 PERFORMANCE

5.1 ELECTRICAL REQUIREMENTS

- 5.1.1 INSULATION RESISTANCE: Greater than 1000M Ω
- 5.1.2 DIELECTRIC WITHSTANDING VOLTAGE: Greater than 600Volts at sea level.
- 5.1.3 TEMPERATURE RISE: 30°C max at rated current

5.2 MECHANICAL REQUIREMENTS

- 5.2.1 RETENTION PEGS (Optional Item)
 - 5.2.1.1 INSERTION FORCE: 8.0 lbs average per peg (.062in PCB hole)
 - 5.2.1.2 RETENTION FORCE: 4.0 lbs average per peg (.062in PCB hole)

5.3 ENVIRONMENTAL REQUIREMENTS

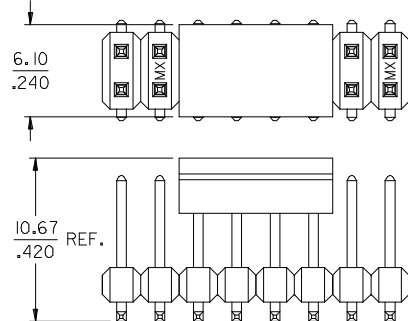
- 5.3.1 THERMAL SHOCK
 - 10 Cycles from -40°C to 105°C, ½ hour at each temperature setting.
- 5.3.2 CHEMICAL RESISTANCE
 - Per Mil. Std. 202F, Method 215A.

6.0 PACKAGING

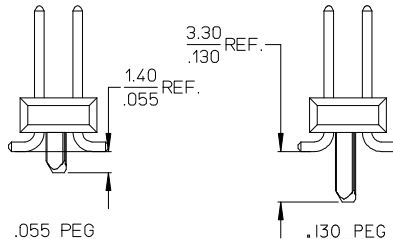
Product is available in bulk pack, tube pack and tape and reel. Tape and reel packaging includes a pick-n-place cap, ideal for high volume robotic placement. The pick-n-place cap is optional for tube packaged product. Refer to section 3.1 for applicable packaging document.

REVISION: D2	ECR/ECN INFORMATION: EC No: UCP2007-1986 DATE: 2007/02/08	TITLE: .100" GRID VERTICAL DUAL ROW SURFACE MOUNT HEADERS	SHEET No. 3 of 3
DOCUMENT NUMBER: PS-71308	CREATED / REVISED BY: PRIDDER	CHECKED BY: ADERR	APPROVED BY: FSMITH

OPTIONAL PICK AND PLACE CAP SEE NOTES 4 & 9.



PEG OPTIONS



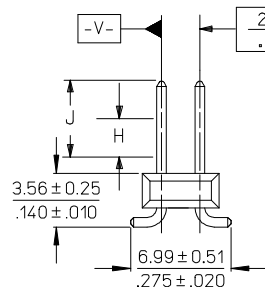
NOTES

- MATERIALS: INSULATOR: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL94 V-0, COLOR: BLACK
TERMINAL: PHOSPHOR BRONZE
- 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.
* 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.

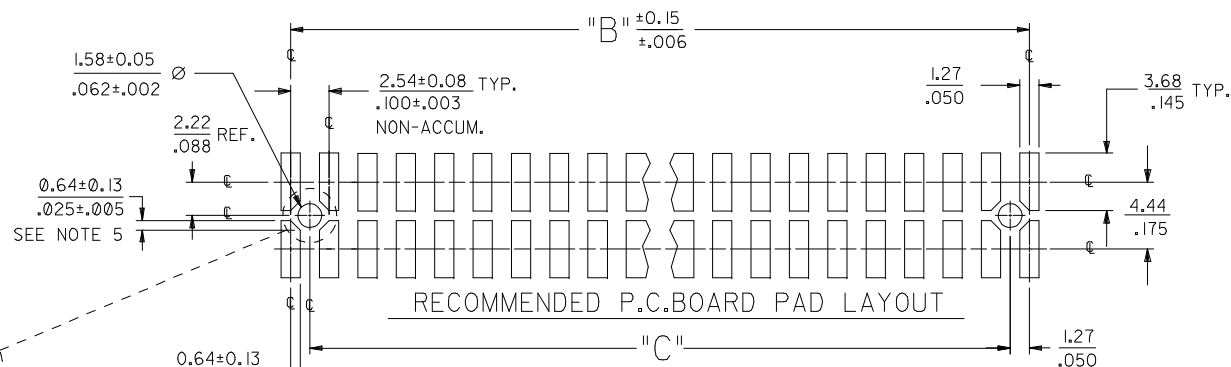
P.C. BOARD PAD LAYOUT
AT ENDS FOR NO PEG VERSION.



ROW "A"
ROW "B"

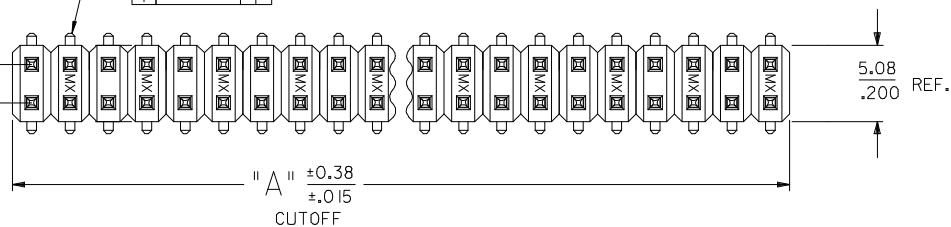


NO PEG
SEE PEG OPTIONS

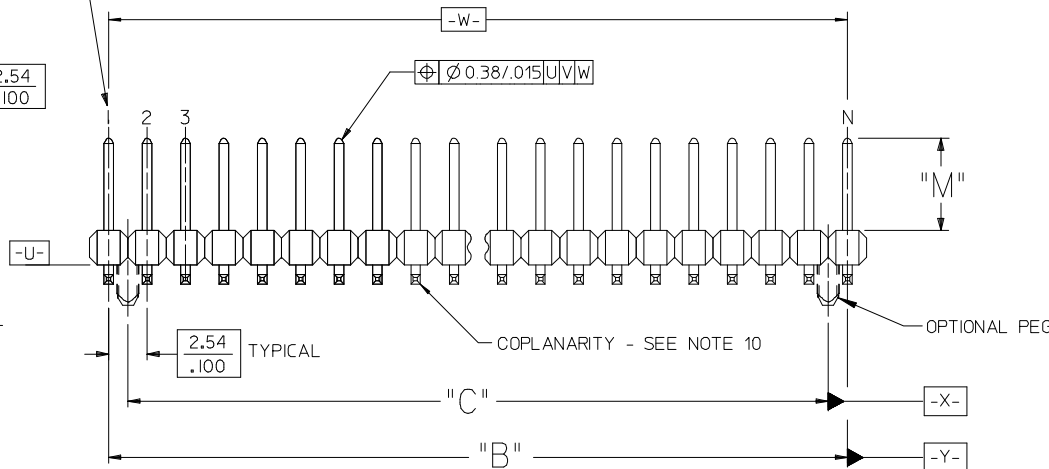


RECOMMENDED P.C. BOARD PAD LAYOUT

⌀0.50/.020|U|X FOR PARTS WITH PEGS
⌀0.50/.020|U|Y FOR PARTS WITHOUT PEGS



USED TO LOCATE VOIDED CIRCUITS



CLARIFY PACKAGING
EC NO: UCP2009-0323
DRAWING: 2008/08/22
CHKD: 2008/08/26
APPR: 2008/08/27

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°
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 C

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
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 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				150 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	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		015-91-3127	015-91-0120		015-91-3126	015-91-3120		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		015-91-3267	015-91-0260		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: UCP2009-0323 DRAWN: GAVRIELL CHKD: MK PPR APPR: FSMITH 2008/08/22 2008/08/26 2008/08/27		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION											
MM/IN																											
A									DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWN BY		DATE	TITLE	MOLEX INCORPORATED												
											KMS																
										CHECKED BY		DATE	SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100														
										APPROVED BY		DATE	SD-71308-001		2 OF 6												
										MATERIAL NO.		DOCUMENT NO.															
										SIZE		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		IN TAPE AND REEL WITH SHALLOW POCKET TAPE										BULK / IN TUBES										I			
		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			
B		NO PEG VERSION (ALSO SEE SHEET 2)										SEE SHEET 1 EC NO: UCP2009-0323 2008/08/22 DRWG:GAVRILL CHKD:MK IPPER 2008/08/26 APPR:FSMITH 2008/08/27		QUALITY SYMBOLS ▼=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 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 MATERIAL NO. SIZE C		SCALE DESIGN UNITS INCH TITLE SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100 MOLEX MOLEX INCORPORATED DOCUMENT NO. SD-71308-001		THIRD ANGLE PROJECTION SHEET NO. 3 OF 6		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
A		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			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)		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		EDP NUMBER		EDP NUMBER		CKTS				
		MM	IN	MM	IN	MM	IN																									
H	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														
G	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														
F	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														
E	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														
D	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														
C	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															
B	LONG PEG VERSION (.130")																															
A	SEE SHEET 1 EC NO: UCP2009-0323 DRAWING: ILL 2008/08/22 CHKD: HKM 2008/08/26 APPR: FSM/TH 2008/08/27																															
QUALITY SYMBOLS ▽=0 ▽=0																																
GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .010 1 PLACE ± 0.25 ± --- 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. DOCUMENT NO. SHEET NO. 4 OF 6																																
SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100 MOLEX INCORPORATED SD-71308-001																																
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			PACKAGING SEE NOTE 4 SHT 1	4-8 CKT	BULK	TAPE-N-REEL W/ VAC CAPS	BULK	TAPE-N-REEL W/ VAC CAPS						J																		
				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)																											
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")													B																		
A	<div><div>SEE SHEET 1 EC NO: UCP2009-0323 DRAWN: GVERILL 2008/08/22 CHKD: HK IPPER 2008/08/26 APPR: FSMITH 2008/08/27</div><div>REV K1</div><div>QUALITY SYMBOLS ▽=0 ▽=0</div><div>GENERAL TOLERANCES (UNLESS SPECIFIED)<table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .005</td></tr><tr><td>2 PLACES</td><td>± 0.13</td><td>± .010</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td></tr><tr><td colspan="3">ANGULAR ± 1/2°</td></tr></table></div><div><div>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</div><div>SIZE C</div><div>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</div></div><div><div>DIMENSION STYLE MM/IN</div><div>DRAWN BY KMS</div><div>CHECKED BY KMS</div><div>APPROVED BY KMS</div><div>MATERIAL NO. SEE TABLE</div><div>DOCUMENT NO. SD-71308-001</div><div>SHEET NO. 5 OF 6</div></div><div><div>SCALE INCH</div><div>DESIGN UNITS INCH</div><div>THIRD ANGLE PROJECTION</div><div>TITLE SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100</div><div>MOLEX MOLEX INCORPORATED</div></div></div>														mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .005	2 PLACES	± 0.13	± .010	1 PLACE	± 0.25	± ---	ANGULAR ± 1/2°			A
	mm	INCH																														
4 PLACES	± ---	± ---																														
3 PLACES	± ---	± .005																														
2 PLACES	± 0.13	± .010																														
1 PLACE	± 0.25	± ---																														
ANGULAR ± 1/2°																																
	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		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															
						TUBES		TAPE-N-REEL W/VAC CAPS		TUBES W/ VAC CAPS				10-100 CKT		TAPE-N-REEL W/VAC CAPS		TUBES		TUBES		TUBES		BULK		TAPE-N-REEL W/ VAC CAPS																	
				8-100 CKT																																							
I				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)																					
H		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		---		---		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					
G				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				71308-5612								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			
F				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			
E				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			
D				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			
C				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			
B				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			
A				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			