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Part Number: [0713086452](#)
Status: **Active**
Description: 2.54mm (.100") Pitch C-Grid® Header, Surface Mount, Dual Row, Vertical, 52 Circuits, 1.50µm (59µ") Minimum Bright Tin (Sn) Over Nickel (Ni) Plating, with 3.30mm (.130") PCB Locator Pegs

Documents:

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

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	71308
Application	Board-to-Board, Wire-to-Board
Product Name	C-Grid®

Physical

Breakaway	Yes
Circuits (Loaded)	52
Circuits (maximum)	52
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	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tube
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Polarized to PCB	No
Shrouded	No
Stackable	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

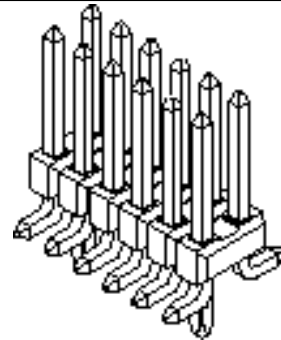
Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info



Series
image - Reference only

EU RoHS

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

Not Reviewed

China RoHS



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

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

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

Search Parts in this Series
[71308Series](#)

Reference - Drawing Numbers

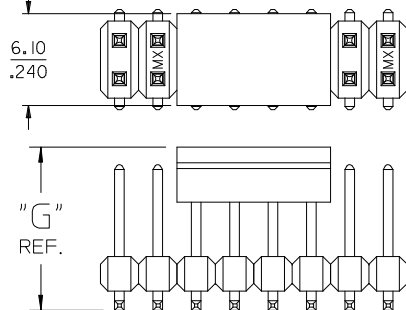
Product Specification
Sales Drawing

PS-71308, RPS-71308-001
SD-71308-001

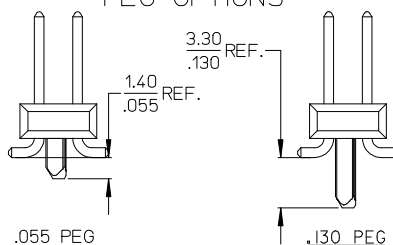
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OPTIONAL PICK AND PLACE CAP SEE NOTES 4 & 9.



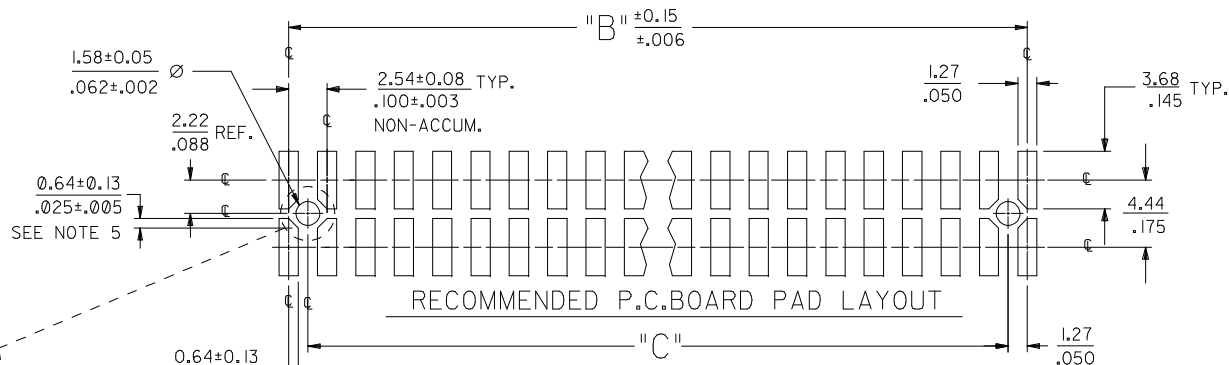
PEG OPTIONS



NOTES:

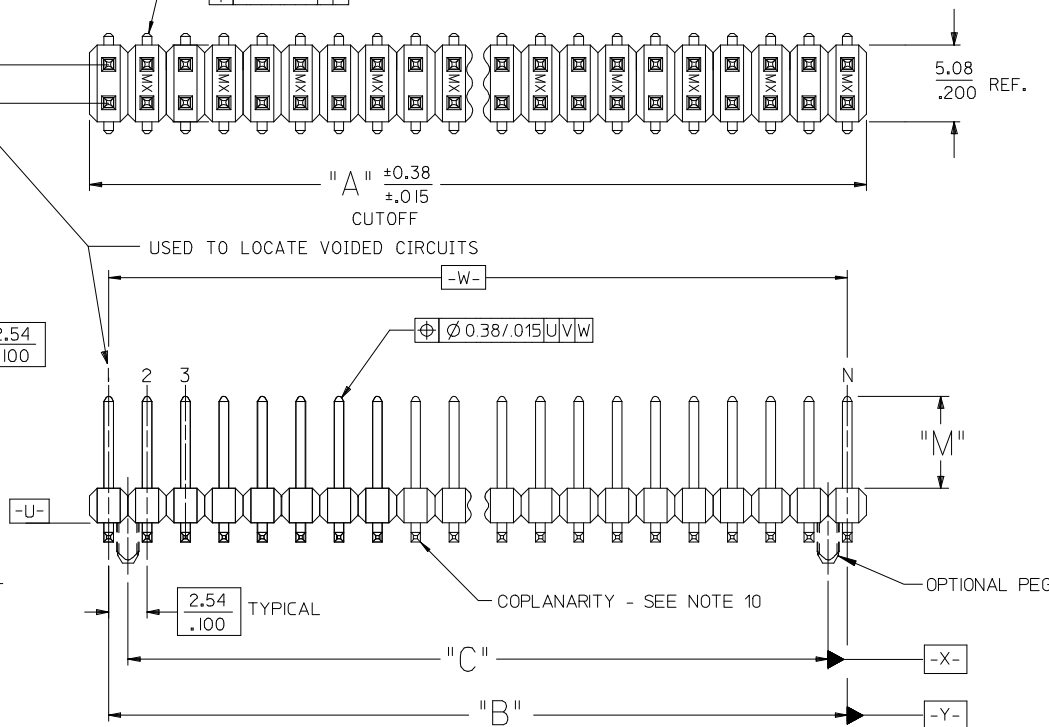
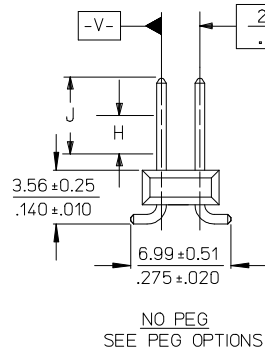
- MATERIALS: INSULATOR: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL94 V-0, COLOR: BLACK
TERMINAL: COPPER ALLOY
- FINISH:
59 TIN - 0.00150/.000059 MINIMUM BRIGHT TIN OVER NICKEL OVERALL.
150 TIN - 0.00381/.000150 MINIMUM BRIGHT TIN OVER NICKEL OVERALL.
15 GOLD - 0.00038/.000015 MINIMUM GOLD IN SELECT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



12CKT TAPE & REEL
EC NO: UCP2009-2465
DRWN:KIPPER 2009/08/04
CHKD:SSOUSEK 2009/08/07
APPR:FSMITH 2009/08/10

QUALITY
SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .005	± .0005
3 PLACES	± .005	± .0005
2 PLACES	± .010	± .0010
1 PLACE	± .025	± .0025
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

SCALE
DESIGN UNITS
INCH

THIRD ANGLE
PROJECTION

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

MOLEX INCORPORATED

DOCUMENT NO.
SD-71308-001

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		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)													
		DIM. J				5.08 (.200)				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	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	H																							
	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																								
G	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	G																							
	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																								
F	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	F																							
	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																								
E	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	E																							
	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																								
D	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	D																							
	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																								
C	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	C																							
	56	71.1																																							

[illegible]

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)				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		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					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	
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					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	
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					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	
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					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	
D	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																				

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)																																
DIM. J		5.08 (.200)		5.08 (.200)																																					
I	CKTS	DIM. A		DIM. B		DIM. C		EDP		EDP		EDP		EDP		EDP		EDP		EDP		EDP		CKTS																	
		MM	IN	MM	IN	MM	IN	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER																					
H	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																	
G	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																		
F	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																		
E	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																		
D	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																																								
A																																									
SEE SHEET 1 EC NO: UCP2009-2465 DRAWN BY: IPPER CHKD BY: SJOSEK APPR BY: FSMITH 2009/08/04 2009/08/07 2009/08/10 DESCRIPTION REV QUALITY SYMBOLS ▽=0 ▽=0 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> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE MM/IN DRAWN BY KMS CHECKED BY KMS APPROVED BY KMS MATERIAL NO. SIZE C DATE 1999/10/15 DATE 1999/10/15 DATE 1999/10/15 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION SCALE INCH 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. 5 OF 6																									mm	INCH	4 PLACES	± .---	± .---	3 PLACES	± .---	± .005	2 PLACES	± 0.13	± .010	1 PLACE	± 0.25	± .---	ANGULAR ±1/2°		
	mm	INCH																																							
4 PLACES	± .---	± .---																																							
3 PLACES	± .---	± .005																																							
2 PLACES	± 0.13	± .010																																							
1 PLACE	± 0.25	± .---																																							
ANGULAR ±1/2°																																									

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Rev. E 2006/04/15

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		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			
I		8-100 CKT		TUBES		TAPE-N-REEL W/VAC CAPS		TUBES W/ VAC CAPS				10-100 CKT		TAPE-N-REEL W/VAC CAPS		TUBES		TUBES		TUBES		TAPE-N-REEL W/VAC CAPS		TUBES		BULK		TAPE-N-REEL W/ VAC CAPS			
H		DIM. M±0.25 MM		6.10 (.240)								8.13(.320)		13.59(.535)		6.10(.240)		8.13(.320)		6.10 (.240)											
G		PLATING		59 TIN								59 TIN		59 TIN		59 TIN		59 TIN		59 TIN											
F		DIM. H		2.54(.100)								4.57(.180)		4.57(.180)		2.54(.100)		4.57(.180)		2.54(.100)											
E		DIM. J		5.08(.200)								7.11(.280)		7.11(.280)		5.08(.200)		7.11(.280)		5.08(.200)											
D		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	
C		MM		IN		MM		IN		MM		IN		EDP NUMBER		EDP NUMBER		EDP NUMBER		EDP NUMBER		EDP NUMBER		EDP NUMBER		EDP NUMBER		EDP NUMBER		EDP NUMBER	
B		04		7.62		.300		5.08		.200		2.54		.100		71308-5404		71308-5504		N/A										04	
A		06		10.16		.400		7.62		.300		5.08		.200		71308-5408		71308-5508		71308-5608										06	
		08		12.70		.500		10.16		.400		7.62		.300		71308-5410		71308-5510		71308-5610										08	
		10		15.24		.600		12.70		.500		10.16		.400		71308-5412		71308-5512		71308-5612										10	
		12		17.78		.700		15.24		.600		12.70		.500		71308-5414		71308-5514		71308-5614										12	
		14		20.32		.800		17.78		.700		15.24		.600		71308-5416		71308-5516		71308-5616										14	
		16		22.86		.900		20.32		.800		17.78		.700		71308-5418				71308-5618										16	
		18		25.40		1.000		22.86		.900		20.32		.800		71308-5420		71308-5520												18	
		20		27.94		1.100		25.40		1.000		22.86		.900		71308-5422				71308-5622										20	
		22		30.48		1.200		27.94		1.100		25.40		1.000		71308-5424				71308-5624										22	
		24		33.02		1.300		30.48		1.200		27.94		1.100		71308-5426				71308-5626										24	
		26		35.56		1.400		33.02		1.300		30.48		1.200		71308-5428				71308-5628										26	
		28		38.10		1.500		35.56		1.400		33.02		1.300		71308-5430				71308-5630										28	
		30		40.64		1.600		38.10		1.500		35.56		1.400		71308-5432				71308-5632										30	
		32		43.18		1.700		40.64		1.600		38.10		1.500		71308-5434				71308-5634										32	
		34		45.72		1.800		43.18		1.700		40.64		1.600		71308-5436				71308-5636										34	
		36		48.26		1.900		45.72		1.800		43.18		1.700		71308-5438				71308-5638										36	
		38		50.80		2.000		48.26		1.900		45.72		1.800		71308-5440		71308-5540		71308-5640										38	
		40		53.34		2.100		50.80		2.000		48.26		1.900		71308-5442				71308-5642										40	
		42		55.88		2.200		53.34		2.100		50.80		2.000		71308-5444				71308-5644										42	
		44		58.42		2.300		55.88		2.200		53.34		2.100		71308-5446				71308-5646										44	
		46		60.96		2.400		58.42		2.300		55.88		2.200		71308-5448				71308-5648										46	
		48		63.50		2.500		60.96		2.400		58.42		2.300		71308-5450		71308-5550		71308-5650										48	
		50		66.04		2.600		63.50		2.500		60.96		2.400		71308-5452				71308-5652										50	
		52		68.58		2.700		66.04		2.600		63.50		2.500		71308-5454				71308-5654										52	
		54		71.12		2.800		68.58		2.700		66.04		2.600		71308-5456				71308-5656										54	
		56		73.66		2.900		71.12		2.800		68.58		2.700		71308-5458				71308-5658										56	
		58		76.20		3.000		73.66		2.900		71.12		2.800		71308-5460				71308-5660										58	
		60		78.74		3.100		76.20		3.000		73.66		2.900		71308-5462				71308-5662										60	
		62		81.28		3.200		78.74		3.100		76.20		3.000		71308-5464				71308-5664										62	
		64		83.82		3.300		81.28		3.200		78.74		3.100		71308-5466				71308-5666										64	
		66		86.36		3.400		83.82		3.300		81.28		3.200		71308-5468				71308-5668										66	
		68		88.90		3.500		86.36		3.400		83.82		3.300		71308-5470				71308-5670										68	
		70		91.44		3.600		88.90		3.500		86.36		3.400		71308-5472				71308-5672										70	
		72		93.98		3.700		91.44		3.600		88.90		3.500		71308-5474				71308-5674										72	
		74		96.52		3.800		93.98		3.700		91.44		3.600		71308-5476				71308-5676										74	
		76		99.06		3.900		96.52		3.800		93.98		3.700		71308-5478				71308-5678										76	
		78		101.60		4.000		99.06		3.900		96.52		3.800		71308-5480				71308-5680										78	
		80		104.14		4.100		101.60		4.000		99.06		3.900		71308-5482				71308-5682										80	
		82		106.68		4.200		104.14		4.100		101.60		4.000		71308-5484															