

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0015913220](#)
Status: **Active**
Description: 2.54mm (.100") Pitch C-Grid® Header, Surface Mount, Dual Row, Vertical, 22 Circuits, 0.76µm (30µ") Gold (Au) Selective Plating, without PCB Locator Pegs

Documents:

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

Agency Certification

CSA	LR19980
UL	E29179

General

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

Physical

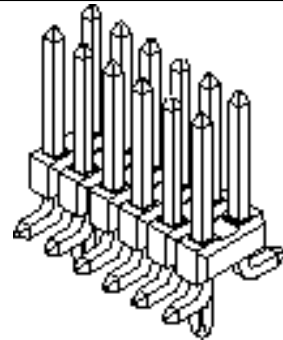
Breakaway	Yes
Circuits (Loaded)	22
Circuits (maximum)	22
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	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)	30
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.875
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
Not Reviewed
**Halogen-Free
Status**

Not Reviewed

**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.

China RoHS



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

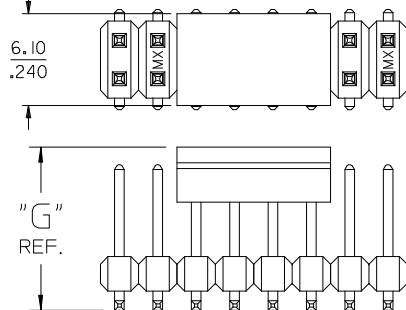
Reference - Drawing Numbers

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

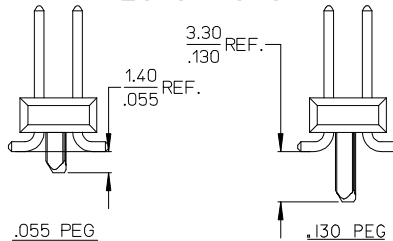
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OPTIONAL PICK AND PLACE CAP SEE NOTES 4 & 9.



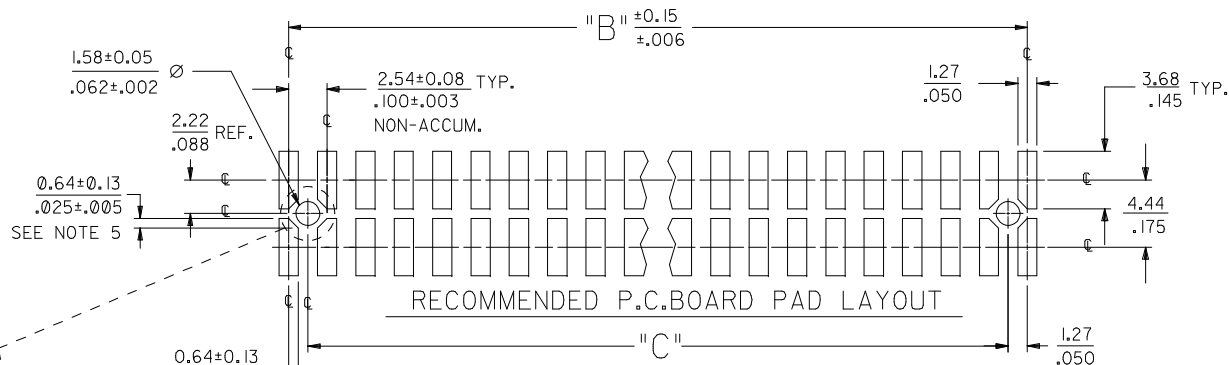
PEG OPTIONS



NOTES:

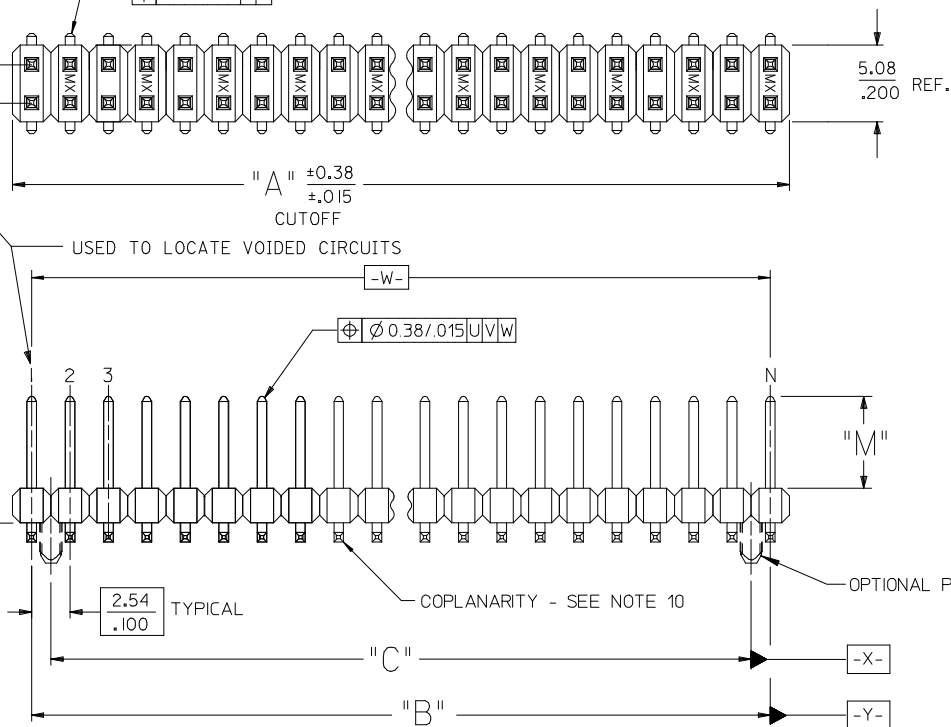
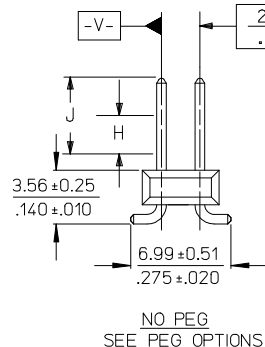
- MATERIALS: INSULATOR: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL94 V-0, COLOR: BLACK
TERMINAL: COPPER ALLOY
- FINISH:
59 TIN - 0.00150/.000059 MINIMUM BRIGHT TIN OVER NICKEL OVERALL.
150 TIN - 0.00381/.000150 MINIMUM BRIGHT TIN OVER NICKEL OVERALL.
15 GOLD - 0.00038/.000015 MINIMUM GOLD IN SELECT 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				4-8 CKT		TAPE-N-REEL W/ VAC CAPS		TAPE-N-REEL W/ VAC CAPS												BULK		BULK			
						10-100 CKT		TAPE-N-REEL W/ VAC CAPS		TAPE-N-REEL W/ VAC CAPS										TUBES		TUBES					
						DIM. M±0.25 MM				6.10 (.240)		6.10 (.240)								8.13 (.320)		13.59 (.535)					
						PLATING				30 GOLD		15 GOLD								150 TIN		150 TIN					
						DIM. H				2.54 (.100)		2.54 (.100)								4.57 (.180)		4.57 (.180)					
I		CKTS		DIM. A		DIM. B		EDP		EDP										EDP		EDP		CKTS			
				MM IN		MM IN		NUMBER		NUMBER						NUMBER		NUMBER									
		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: UCP2009-2465 DRWN:MK1PPER 2009/08/04 CHKD:SSOUSEK 2009/08/07 APPR:FSMITH 2009/08/10		QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE		DESIGN UNITS INCH		THIRD ANGLE PROJECTION		SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100 MOLEX INCORPORATED		DOCUMENT NO. SD-71308-001		SHEET NO. 3 OF 6			
										4 PLACES ± --- ± --- 3 PLACES ± --- ±.005 2 PLACES ±0.13 ±.010 1 PLACE ± 0.25 ± --- ANGULAR ±1/2°		DRAWN BY DATE KMS 1999/10/15 CHECKED BY DATE KMS 1999/10/15 APPROVED BY DATE KMS 1999/10/15		TITLE													
A						K3		REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
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		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	EDP NUMBER	EDP NUMBER	EDP NUMBER	CKTS									
	MM	IN		MM	IN		MM	IN																															
04	5.08	.200		2.54	.100		----	----		015-91-1041	015-91-6044		015-91-1042	015-91-6045		015-91-1043	015-91-6046		015-91-1044	015-91-0047		015-91-1040								04									
06	7.62	.300		5.08	.200		2.54	.100		015-91-1061	015-91-6064		015-91-1062	015-91-6065		015-91-1063	015-91-6066		015-91-1064	015-91-0067		015-91-1060								06									
08	10.16	.400		7.62	.300		5.08	.200		015-91-1081	015-91-6084		015-91-1082	015-91-6085		015-91-1083	015-91-6086		015-91-1084	015-91-0087		015-91-1080								08									
10	12.70	.500		10.16	.400		7.62	.300		015-91-1101	015-91-6104		015-91-1102	015-91-6105		015-91-1103	015-91-6106		015-91-1104	015-91-0107		015-91-1100								10									
12	15.24	.600		12.70	.500		10.16	.400		015-91-1121			015-91-1122			015-91-1123			015-91-1124	015-91-0127		015-91-1120								12									
14	17.78	.700		15.24	.600		12.70	.500		015-91-1141	015-91-6144		015-91-1142	015-91-6145		015-91-1143	015-91-6146		015-91-1144	015-91-0147		015-91-1140								14									
16	20.32	.800		17.78	.700		15.24	.600		015-91-1161	015-91-6164		015-91-1162	015-91-6165		015-91-1163	015-91-6166		015-91-1164	015-91-0167		015-91-1160								16									
18	22.86	.900		20.32	.800		17.78	.700		015-91-1181			015-91-1182			015-91-1183			015-91-1184	015-91-0187		015-91-1180								18									
20	25.40	1.000		22.86	.900		20.32	.800		015-91-1201			015-91-1202			015-91-1203			015-91-1204	015-91-0207		015-91-1200								20									
22	27.94	1.100		25.40	1.000		22.86	.900		015-91-1221			015-91-1222			015-91-1223			015-91-1224	015-91-0227		015-91-1220								22									
24	30.48	1.200		27.94	1.100		25.40	1.000		015-91-1241			015-91-1242			015-91-1243			015-91-1244	015-91-0247		015-91-1240								24									
26	33.02	1.300		30.48	1.200		27.94	1.100		015-91-1261			015-91-1262			015-91-1263			015-91-1264	015-91-0267		015-91-1260								26									
28	35.56	1.400		33.02	1.300		30.48	1.200		015-91-1281			015-91-1282			015-91-1283			015-91-1284	015-91-0287		015-91-1280								28									
30	38.10	1.500		35.56	1.400		33.02	1.300		015-91-1301			015-91-1302			015-91-1303			015-91-1304	015-91-0307		015-91-1300								30									
32	40.64	1.600		38.10	1.500		35.56	1.400		015-91-1321			015-91-1322			015-91-1323			015-91-1324	015-91-0327		015-91-1320								32									
34	43.18	1.700		40.64	1.600		38.10	1.500		015-91-1341			015-91-1342			015-91-1343			015-91-1344	015-91-0347		015-91-1340								34									
36	45.72	1.800		43.18	1.700		40.64	1.600		015-91-1361			015-91-1362			015-91-1363			015-91-1364	015-91-0367		015-91-1360								36									
38	48.26	1.900		45.72	1.800		43.18	1.700		015-91-1381			015-91-1382			015-91-1383			015-91-1384	015-91-0387		015-91-1380								38									
40	50.80	2.000		48.26	1.900		45.72	1.800		015-91-1401			015-91-1402			015-91-1403			015-91-1404	015-91-0407		015-91-1400								40									
42	53.34	2.100		50.80	2.000		48.26	1.900		015-91-1421			015-91-1422			015-91-1423			015-91-1424	015-91-0427		015-91-1420								42									
44	55.88	2.200		53.34	2.100		50.80	2.000		015-91-1441			015-91-1442			015-91-1443			015-91-1444	015-91-0447		015-91-1440								44									
46	58.42	2.300		55.88	2.200		53.34	2.100		015-91-1461			015-91-1462			015-91-1463			015-91-1464	015-91-0467		015-91-1460								46									
48	60.96	2.400		58.42	2.300		55.88	2.200		015-91-1481			015-91-1482			015-91-1483			015-91-1484	015-91-0487		015-91-1480								48									
50	63.50	2.500		60.96	2.400		58.42	2.300		015-91-1501	015-91-6504		015-91-1502	015-91-6505		015-91-1503	015-91-6506		015-91-1504	015-91-0507		015-91-1500								50									
52	66.04	2.600		63.50	2.500		60.96	2.400		015-91-1521			015-91-1522			015-91-1523	71308-5203		015-91-1524	015-91-0527		015-91-1520								52									
54	68.58	2.700		66.04	2.600		63.50	2.500		015-91-1541			015-91-1542			015-91-1543			015-91-1544	015-91-0547		015-91-1540								54									
56	71.12	2.800		68.58	2.700		66.04	2.600		015-91-1561			015-91-1562			015-91-1563			015-91-1564	015-91-0567		015-91-1560								56									
58	73.66	2.900		71.12	2.800		68.58	2.700		015-91-1581			015-91-1582			015-91-1583			015-91-1584	015-91-0587		015-91-1580								58									
60	76.20	3.000		73.66	2.900		71.12	2.800		015-91-1601			015-91-1602			015-91-1603			015-91-1604	015-91-0607		015-91-1600								60									
62	78.74	3.100		76.20	3.000		73.66	2.900		015-91-1621			015-91-1622			015-91-1623			015-91-1624	015-91-0627		015-91-1620								62									
64	81.28	3.200		78.74	3.100		76.20	3.000		015-91-1641			015-91-1642			015-91-1643			015-91-1644	015-91-0647		015-91-1640								64									
66	83.82	3.300		81.28	3.200		78.74	3.100		015-91-1661			015-91-1662			015-91-1663			015-91-1664	015-91-0667		015-91-1660								66									
68	86.36	3.400		83.82	3.300		81.28	3.200		015-91-1681			015-91-1682			015-91-1683			015-91-1684	015-91-0687		015-91-1680								68									
70	88.90	3.500		86.36	3.400		83.82	3.300		015-91-1701			015-91-1702			015-91-1703			015-91-1704	015-91-0707		015-91-1700								70									
72	91.44	3.600		88.90	3.500		86.36	3.400		015-91-1721			015-91-1722			015-91-1723			015-91-1724	015-91-0727		015-91-1720								72									
74	93.98	3.700		91.44	3.600		88.90	3.500		015-91-1741			015-91-1742			015-91-1743			015-91-1744	015-91-0747		015-91-1740								74									
76	96.52	3.800		93.98	3.700		91.44	3.600		015-91-1761			015-91-1762			015-91-1763			015-91-1764	015-91-0767		015-91-1760								76									
78	99.06	3.900		96.52	3.800		93.98	3.700		015-91-1781			015-91-1782			015-91-1783			015-91-1784	015-91-0787		015-91-1780								78									
80	101.60	4.000		99.06	3.900		96.52	3.800		015-91-1801			015-91-1802			015-91-1803			015-91-1804	015-91-0807		015-91-1800								80									
82	104.14	4.100		101.60	4.000		99.06	3.900		71308-4082			71308-4182			71308-4282			71308-5082	71308-5182		71308-5282								82									
84	106.68	4.200		104.14	4.100		101.60	4.000		71308-4084																													

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 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	----	----	015-91-1048	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									
	F	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									
E	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									
D	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")								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		SCALE INCH		DESIGN UNITS INCH		THIRD ANGLE PROJECTION		TITLE SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100				
									DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		DOCUMENT NO. SD-71308-001		SHEET NO. 5 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		PEG OPTION																								J									
		NO PEG VERSION						NO PEG VERSION						LONG PEG VERSION (.130")				SHORT PEG VERSION (.055")																	
		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					
				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					
		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							
		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		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				71308-6706	71308-6806		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																								