

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0015910540](#)  
**Status:** **Active**  
**Description:** 2.54mm (.100") Pitch C-Grid® Header, Surface Mount, Dual Row, Vertical, 54 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating

**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) 54  
 Circuits (maximum) 54  
 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) 15  
 Plating min: Mating (µm) 0.375  
 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**

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



*Series  
image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Halogen-Free  
Status**  
**Not Reviewed**

**China RoHS**



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

Email [productcompliance@molex.com](mailto: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](#)

**Material Info**

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-71308, RPS-71308-001

SD-71308-001

This document was generated on 03/31/2010

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OPTIONAL  
PICK AND PLACE CAP  
SEE NOTES 4 & 9.



| DIM. "M"     | DIM. "G"      |
|--------------|---------------|
| 6.10<br>.240 | 10.67<br>.420 |
| 8.13<br>.320 | 12.70<br>.500 |

PEG OPTIONS

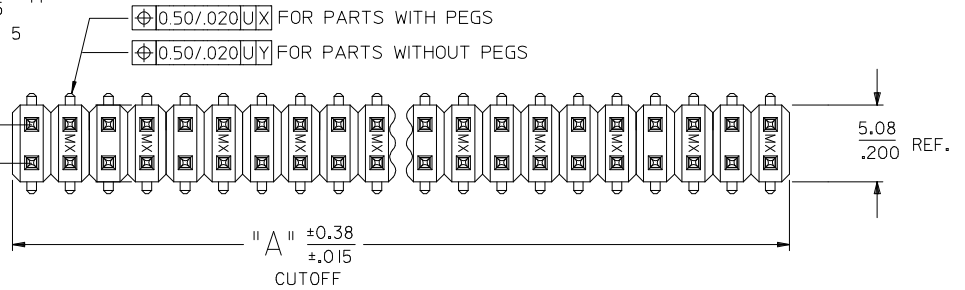


P.C. BOARD PAD LAYOUT  
AT ENDS FOR NO PEG VERSION.

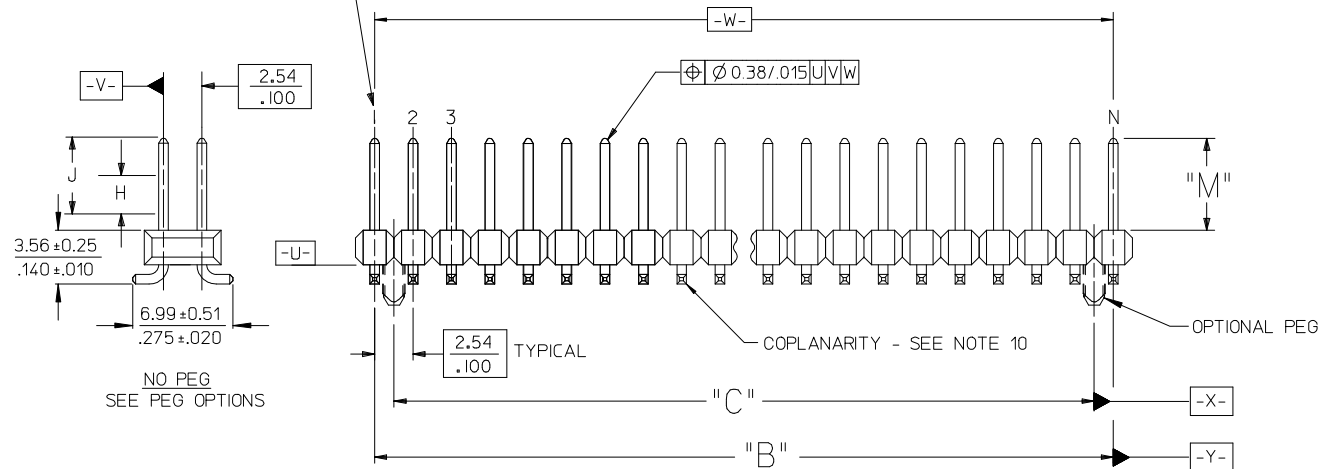


RECOMMENDED P.C. BOARD PAD LAYOUT

ROW "A"  
ROW "B"



USED TO LOCATE VOIDED CIRCUITS



NOTES:

- MATERIALS: INSULATOR: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL94 V-0, COLOR: BLACK  
TERMINAL: COPPER ALLOY
- 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/0.006 INCH. FOR CIRCUIT SIZES 42 AND LARGER, CONTACT MOLEX SALES DEPARTMENT.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

| REV | DESCRIPTION   |
|-----|---|
| K3  | 12CKT TAPE & REEL<br>EC NO: UCP2009-2465<br>DRWN:KIPPER 2009/08/04<br>CHKD:SSOUSEK 2009/08/07<br>APPR:FSMITH 2009/08/10 |

| 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   | DESIGN UNITS | THIRD ANGLE PROJECTION |
|---|--------------|------------------------|
|   | INCH         | ☉                      |
| TITLE   |              |                        |
| SALES ASSY INSULATOR<br>DUAL ROW SMT W/BREAK-OFF<br>.025SQ PIN GULLWING .100  |              |                        |
| MOLEX MOLEX INCORPORATED  |              |                        |
| MATERIAL NO.  | DOCUMENT NO. | SHEET NO.              |
| SEE TABLES  | SD-71308-001 | 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           |  |
|-------------------------------|--------|-----------|--------|-------------|---------------|----------------------------|---------------|----------------------|---------------|---------------|---------------|----------------------------|---------------|----------------------|---------------|---------------|---------------|----------------------------|---------------|----------------------|---------------|---------------|---------------|-------------|--|
| PACKAGING<br>SEE NOTE 4 SHT 1 |        | 4-6 CKT   |        | BULK        |               | TAPE-N-REEL<br>W/ VAC CAPS |               | N/A                  |               | BULK          |               | TAPE-N-REEL<br>W/ VAC CAPS |               | N/A                  |               | BULK          |               | TAPE-N-REEL<br>W/ VAC CAPS |               | N/A                  |               | BULK          |               | BULK        |  |
|                               |        | 8-100 CKT |        | TUBES       |               | TAPE-N-REEL<br>W/ VAC CAPS |               | TUBES<br>W/ VAC CAPS |               | TUBES         |               | TAPE-N-REEL<br>W/ VAC CAPS |               | TUBES<br>W/ VAC CAPS |               | TUBES         |               | TAPE-N-REEL<br>W/ VAC CAPS |               | TUBES<br>W/ VAC CAPS |               | TUBES         |               | TUBES       |  |
| DIM. M ±0.25 MM               |        |           |        | 6.10 (.240) |               |                            |               |                      |               | 6.10 (.240)   |               |                            |               |                      |               | 6.10 (.240)   |               |                            |               |                      |               | 8.13 (.320)   |               | 8.13 (.320) |  |
| PLATING                       |        |           |        | 150 TIN     |               |                            |               |                      |               | 15 GOLD       |               |                            |               |                      |               | 30 GOLD       |               |                            |               |                      |               | 15 GOLD       |               | 30 GOLD     |  |
| DIM. H                        |        |           |        | 2.54 (.100) |               |                            |               |                      |               | 2.54 (.100)   |               |                            |               |                      |               | 2.54 (.100)   |               |                            |               |                      |               | 4.57 (.180)   |               | 4.57 (.180) |  |
| DIM. J                        |        |           |        | 5.08 (.200) |               |                            |               |                      |               | 5.08 (.200)   |               |                            |               |                      |               | 5.08 (.200)   |               |                            |               |                      |               | 7.11 (.280)   |               | 7.11 (.280) |  |
| CKTS                          | DIM. A |           | DIM. B |             | EDP<br>NUMBER | EDP<br>NUMBER              | EDP<br>NUMBER | EDP<br>NUMBER        | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER              | EDP<br>NUMBER | EDP<br>NUMBER        | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER              | EDP<br>NUMBER | EDP<br>NUMBER        | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER | CKTS        |  |
|                               | MM     | IN        | MM     | IN          |               |                            |               |                      |               |               |               |                            |               |                      |               |               |               |                            |               |                      |               |               |               |             |  |
| 04                            | 5.08   | .200      | 2.54   | .100        | 015-91-2040   | 015-91-6040                | N/A           | 015-91-0040          | 015-91-6042   | N/A           | 015-91-3040   | 015-91-6043                | N/A           | 015-91-0048          | 015-91-5049   | 04            |               |                            |               |                      |               |               |               |             |  |
| 06                            | 7.62   | .300      | 5.08   | .200        | 015-91-2060   | 015-91-6060                | N/A           | 015-91-0060          | 015-91-6062   | N/A           | 015-91-3060   | 015-91-6063                | N/A           | 015-91-0068          | 015-91-5069   | 06            |               |                            |               |                      |               |               |               |             |  |
| 08                            | 10.16  | .400      | 7.62   | .300        | 015-91-2080   | 015-91-6080                | 015-91-3087   | 015-91-0080          | 015-91-6082   | 015-91-3086   | 015-91-3080   | 015-91-6083                | 015-91-3088   | 015-91-0088          | 015-91-5089   | 08            |               |                            |               |                      |               |               |               |             |  |
| 10                            | 12.70  | .500      | 10.16  | .400        | 015-91-2100   | 015-91-6100                | 015-91-3107   | 015-91-0100          | 015-91-6102   | 015-91-3106   | 015-91-3100   | 015-91-6103                | 015-91-3108   | 015-91-0108          | 015-91-5109   | 10            |               |                            |               |                      |               |               |               |             |  |
| 12                            | 15.24  | .600      | 12.70  | .500        | 015-91-2120   | 015-91-6120                | 015-91-3127   | 015-91-0120          | 015-91-6122   | 015-91-3126   | 015-91-3120   | 015-91-6123                | 015-91-3128   | 015-91-0128          | 015-91-5129   | 12            |               |                            |               |                      |               |               |               |             |  |
| 14                            | 17.78  | .700      | 15.24  | .600        | 015-91-2140   | 015-91-6140                | 015-91-3147   | 015-91-0140          | 015-91-6142   | 015-91-3146   | 015-91-3140   | 015-91-6143                | 015-91-3148   | 015-91-0148          | 015-91-5149   | 14            |               |                            |               |                      |               |               |               |             |  |
| 16                            | 20.32  | .800      | 17.78  | .700        | 015-91-2160   | 015-91-6160                | 015-91-3167   | 015-91-0160          | 015-91-6162   | 015-91-3166   | 015-91-3160   | 015-91-6163                | 015-91-3168   | 015-91-0168          | 015-91-5169   | 16            |               |                            |               |                      |               |               |               |             |  |
| 18                            | 22.86  | .900      | 20.32  | .800        | 015-91-2180   |                            | 015-91-3187   | 015-91-0180          |               | 015-91-3186   | 015-91-3180   |                            | 015-91-3188   | 015-91-0188          | 015-91-5189   | 18            |               |                            |               |                      |               |               |               |             |  |
| 20                            | 25.40  | 1.000     | 22.86  | .900        | 015-91-2200   | 015-91-6200                | 015-91-3207   | 015-91-0200          | 015-91-6202   | 015-91-3206   | 015-91-3200   | 015-91-6203                | 015-91-3208   | 015-91-0208          | 015-91-5209   | 20            |               |                            |               |                      |               |               |               |             |  |
| 22                            | 27.94  | 1.100     | 25.40  | 1.000       | 015-91-2220   |                            | 015-91-3227   | 015-91-0220          |               | 015-91-3226   | 015-91-3220   |                            | 015-91-3228   | 015-91-0228          | 015-91-5229   | 22            |               |                            |               |                      |               |               |               |             |  |
| 24                            | 30.48  | 1.200     | 27.94  | 1.100       | 015-91-2240   |                            | 015-91-3247   | 015-91-0240          |               | 015-91-3246   | 015-91-3240   |                            | 015-91-3248   | 015-91-0248          | 015-91-5249   | 24            |               |                            |               |                      |               |               |               |             |  |
| 26                            | 33.02  | 1.300     | 30.48  | 1.200       | 015-91-2260   | 015-91-6260                | 015-91-3267   | 015-91-0260          | 015-91-6262   | 015-91-3266   | 015-91-3260   |                            | 015-91-3268   | 015-91-0268          | 015-91-5269   | 26            |               |                            |               |                      |               |               |               |             |  |
| 28                            | 35.56  | 1.400     | 33.02  | 1.300       | 015-91-2280   |                            | 015-91-3287   | 015-91-0280          |               | 015-91-3286   | 015-91-3280   |                            | 015-91-3288   | 015-91-0288          | 015-91-5289   | 28            |               |                            |               |                      |               |               |               |             |  |
| 30                            | 38.10  | 1.500     | 35.56  | 1.400       | 015-91-2300   |                            | 015-91-3307   | 015-91-0300          |               | 015-91-3306   | 015-91-3300   |                            | 015-91-3308   | 015-91-0308          | 015-91-5309   | 30            |               |                            |               |                      |               |               |               |             |  |
| 32                            | 40.64  | 1.600     | 38.10  | 1.500       | 015-91-2320   |                            | 015-91-3327   | 015-91-0320          |               | 015-91-3326   | 015-91-3320   |                            | 015-91-3328   | 015-91-0328          | 015-91-5329   | 32            |               |                            |               |                      |               |               |               |             |  |
| 34                            | 43.18  | 1.700     | 40.64  | 1.600       | 015-91-2340   |                            | 015-91-3347   | 015-91-0340          |               | 015-91-3346   | 015-91-3340   |                            | 015-91-3348   | 015-91-0348          | 015-91-5349   | 34            |               |                            |               |                      |               |               |               |             |  |
| 36                            | 45.72  | 1.800     | 43.18  | 1.700       | 015-91-2360   |                            | 015-91-3367   | 015-91-0360          |               | 015-91-3366   | 015-91-3360   |                            | 015-91-3368   | 015-91-0368          | 015-91-5369   | 36            |               |                            |               |                      |               |               |               |             |  |
| 38                            | 48.26  | 1.900     | 45.72  | 1.800       | 015-91-2380   |                            | 015-91-3387   | 015-91-0380          |               | 015-91-3386   | 015-91-3380   |                            | 015-91-3388   | 015-91-0388          | 015-91-5389   | 38            |               |                            |               |                      |               |               |               |             |  |
| 40                            | 50.80  | 2.000     | 48.26  | 1.900       | 015-91-2400   | 015-91-6400                | 015-91-3407   | 015-91-0400          | 015-91-6402   | 015-91-3406   | 015-91-3400   | 015-91-6403                | 015-91-3408   | 015-91-0408          | 015-91-5409   | 40            |               |                            |               |                      |               |               |               |             |  |
| 42                            | 53.34  | 2.100     | 50.80  | 2.000       | 015-91-2420   |                            | 015-91-3427   | 015-91-0420          |               | 015-91-3426   | 015-91-3420   |                            | 015-91-3428   | 015-91-0428          | 015-91-5429   | 42            |               |                            |               |                      |               |               |               |             |  |
| 44                            | 55.88  | 2.200     | 53.34  | 2.100       | 015-91-2440   |                            | 015-91-3447   | 015-91-0440          |               | 015-91-3446   | 015-91-3440   |                            | 015-91-3448   | 015-91-0448          | 015-91-5449   | 44            |               |                            |               |                      |               |               |               |             |  |
| 46                            | 58.42  | 2.300     | 55.88  | 2.200       | 015-91-2460   |                            | 015-91-3467   | 015-91-0460          |               | 015-91-3466   | 015-91-3460   |                            | 015-91-3468   | 015-91-0468          | 015-91-5469   | 46            |               |                            |               |                      |               |               |               |             |  |
| 48                            | 60.96  | 2.400     | 58.42  | 2.300       | 015-91-2480   |                            | 015-91-3487   | 015-91-0480          |               | 015-91-3486   | 015-91-3480   |                            | 015-91-3488   | 015-91-0488          | 015-91-5489   | 48            |               |                            |               |                      |               |               |               |             |  |
| 50                            | 63.50  | 2.500     | 60.96  | 2.400       | 015-91-2500   | 015-91-6500                | 015-91-3507   | 015-91-0500          | 015-91-6502   | 015-91-3506   | 015-91-3500   | 015-91-6503                | 015-91-3508   | 015-91-0508          | 015-91-5509   | 50            |               |                            |               |                      |               |               |               |             |  |
| 52                            | 66.04  | 2.600     | 63.50  | 2.500       | 015-91-2520   |                            | 015-91-3527   | 015-91-0520          |               | 015-91-3526   | 015-91-3520   |                            | 015-91-3528   | 015-91-0528          | 015-91-5529   | 52            |               |                            |               |                      |               |               |               |             |  |
| 54                            | 68.58  | 2.700     | 66.04  | 2.600       | 015-91-2540   |                            | 015-91-3547   | 015-91-0540          |               | 015-91-3546   | 015-91-3540   |                            | 015-91-3548   | 015-91-0548          | 015-91-5549   | 54            |               |                            |               |                      |               |               |               |             |  |
| 56                            | 71.12  | 2.800     | 68.58  | 2.700       | 015-91-2560   |                            | 015-91-3567   | 015-91-0560          |               | 015-91-3566   | 015-91-3560   |                            | 015-91-3568   | 015-91-0568          | 015-91-5569   | 56            |               |                            |               |                      |               |               |               |             |  |
| 58                            | 73.66  | 2.900     | 71.12  | 2.800       | 015-91-2580   |                            | 015-91-3587   | 015-91-0580          |               | 015-91-3586   | 015-91-3580   |                            | 015-91-3588   | 015-91-0588          | 015-91-5589   | 58            |               |                            |               |                      |               |               |               |             |  |
| 60                            | 76.20  | 3.000     | 73.66  | 2.900       | 015-91-2600   |                            | 015-91-3607   | 015-91-0600          |               | 015-91-3606   | 015-91-3600   |                            | 015-91-3608   | 015-91-0608          | 015-91-5609   | 60            |               |                            |               |                      |               |               |               |             |  |
| 62                            | 78.74  | 3.100     | 76.20  | 3.000       | 015-91-2620   |                            | 015-91-3627   | 015-91-0620          |               | 015-91-3626   | 015-91-3620   |                            | 015-91-3628   | 015-91-0628          | 015-91-5629   | 62            |               |                            |               |                      |               |               |               |             |  |
| 64                            | 81.28  | 3.200     | 78.74  | 3.100       | 015-91-2640   |                            | 015-91-3647   | 015-91-0640          |               | 015-91-3646   | 015-91-3640   |                            | 015-91-3648   | 015-91-0648          | 015-91-5649   | 64            |               |                            |               |                      |               |               |               |             |  |
| 66                            | 83.82  | 3.300     | 81.28  | 3.200       | 015-91-2660   |                            | 015-91-3667   | 015-91-0660          |               | 015-91-3666   | 015-91-3660   |                            | 015-91-3668   | 015-91-0668          | 015-91-5669   | 66            |               |                            |               |                      |               |               |               |             |  |
| 68                            | 86.36  | 3.400     | 83.82  | 3.300       | 015-91-2680   |                            | 015-91-3687   | 015-91-0680          |               | 015-91-3686   | 015-91-3680   |                            | 015-91-3688   | 015-91-0688          | 015-91-5689   | 68            |               |                            |               |                      |               |               |               |             |  |
| 70                            | 88.90  | 3.500     | 86.36  | 3.400       | 015-91-2700   |                            | 015-91-3707   | 015-91-0700          |               | 015-91-3706   | 015-91-3700   |                            | 015-91-3708   | 015-91-0708          | 015-91-5709   | 70            |               |                            |               |                      |               |               |               |             |  |
| 72                            | 91.44  | 3.600     | 88.90  | 3.500       | 015-91-2720   |                            | 015-91-3727   | 015-91-0720          |               | 015-91-3726   | 015-91-3720   |                            | 015-91-3728   | 015-91-0728          | 015-91-5729   | 72            |               |                            |               |                      |               |               |               |             |  |
| 74                            | 93.98  | 3.700     | 91.44  | 3.600       | 015-91-2740   |                            | 015-91-3747   | 015-91-0740          |               | 015-91-3746   | 015-91-3740   |                            | 015-91-3748   | 015-91-0748          | 015-91-5749   | 74            |               |                            |               |                      |               |               |               |             |  |
| 76                            | 96.52  | 3.800     | 93.98  | 3.700       | 015-91-2760   |                            | 015-91-3767   | 015-91-0760          |               | 015-91-3766   | 015-91-3760   |                            | 015-91-3768   | 015-91-0768          | 015-91-5769   | 76            |               |                            |               |                      |               |               |               |             |  |
| 78                            | 99.06  | 3.900     | 96.52  | 3.800       | 015-91-2780   |                            | 015-91-3787   | 015-91-0780          |               | 015-91-3786   | 015-91-3780   |                            | 015-91-3788   | 015-91-0788          | 015-91-5789   | 78            |               |                            |               |                      |               |               |               |             |  |
| 80                            | 101.60 | 4.000     | 99.06  | 3.900       | 015-91-2800   |                            | 015-91-3807   | 015-91-0800          |               | 015-91-3806   | 015-91-3800   |                            | 015-91-3808   | 015-91-0808          | 015-91-5809   | 80            |               |                            |               |                      |               |               |               |             |  |
| 82                            | 104.14 | 4.100     | 101.60 | 4.000       | 71308-0082    |                            | 71308-0482    | 71308-0182           |               | 71308-0582    | 71308-0282    |                            | 71308-0682    | 71308-1182           | 71308-1282    | 82            |               |                            |               |                      |               |               |               |             |  |
| 84                            | 106.68 | 4.200     | 104.14 | 4.100       | 71308-0084    |                            | 71308-0484    | 71308-0184           |               | 71308-0584    | 71308-0284    |                            | 71308-0684    | 71308-1184           | 71308-1284    | 84            |               |                            |               |                      |               |               |               |             |  |
| 86                            | 109.22 | 4.300     | 106.68 | 4.200       | 71308-0086    |                            | 71308-0486    | 71308-0186           |               | 71308-0586    | 71308-0286    |                            | 71308-0686    | 71308-1186           | 71308-1286    | 86            |               |                            |               |                      |               |               |               |             |  |
| 88                            | 111.76 | 4.400     | 109.22 | 4.300       | 71308-0088    |                            | 71308-0488    | 71308-0188           |               | 71308-0588    | 71308-0288    |                            | 71308-0688    | 71308-1188           | 71308-1288    | 88            |               |                            |               |                      |               |               |               |             |  |
| 90                            | 114.30 | 4.500     | 111.76 | 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           |               |                            |               |                      |               |               |               |             |  |

**NO PEG VERSION**  
(SEE ALSO SHEET 3)

SEE SHEET 1  
EC NO: UCP2009-2465  
2009/08/04  
DRWIN/KIPPER  
2009/08/07  
CHKD:SSOUSEK  
2009/08/10  
APPR:FSMITH

QUALITY SYMBOLS  
▽=0  
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| mm       |        | INCH    |  |
|----------|--------|---------|--|
| 4 PLACES | ± .005 | ± .0005 |  |
| 3 PLACES | ± .005 | ± .0005 |  |
| 2 PLACES | ± 0.13 | ± .010  |  |
| 1 PLACE  | ± 0.25 | ± .020  |  |

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM/IN

SCALE  
INCH

DESIGN UNITS  
INCH

THIRD ANGLE PROJECTION

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

DRAWN BY  
KMS  
DATE  
1999/10/15

CHECKED BY  
KMS  
DATE  
1999/10/15

APPROVED BY  
KMS  
DATE  
1999/10/15

MATERIAL NO.  
SEE TABLE

DOCUMENT NO.  
SD-71308-001

SHEET NO.  
2 OF 6

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

IN TAPE AND REEL WITH SHALLOW POCKET TAPE

BULK / IN TUBES

| PKT | DIM. A |       | DIM. B |       | EDP NUMBER  | EDP NUMBER  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | BULK / IN TUBES |      | CKTS |     |
|-----|--------|-------|--------|-------|-------------|-------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------|------|------|-----|
|     | MM     | IN    | MM     | IN    |             |             |  |  |  |  |  |  |  |  |  |  |  |  |  |  | BULK            | BULK |      |     |
| 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 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |      |      | 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  |             |             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |      |      | 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 |

**NO PEG VERSION**  
(ALSO SEE SHEET 2)

|   |                               |                                       |   |                          |                    |   |                              |                        |  |
|---|-------------------------------|---------------------------------------|---|--------------------------|--------------------|---|------------------------------|------------------------|--|
| SEE SHEET 1<br>EC NO: UCP2009-2465<br>DRW:KIPPER 2009/08/04<br>CHK:SSOUSEK 2009/08/07<br>APPR:FSMITH 2009/08/10 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |   | DIMENSION STYLE<br>MM/IN |                    | SCALE   | DESIGN UNITS<br>INCH         | THIRD ANGLE PROJECTION |  |
|   |                               | 4 PLACES ± --- ± ---                  | 3 PLACES ± --- ± .005   | DRAWN BY<br>KMS          | DATE<br>1999/10/15 | TITLE<br>SALES ASSY INSULATOR<br>DUAL ROW SMT W/BREAK-OFF<br>.025SQ PIN GULLWING .100 |                              |                        |  |
|   |                               | 2 PLACES ± 0.13 ± .010                | 1 PLACE ± 0.25 ± ---  | CHECKED BY<br>KMS        | DATE<br>1999/10/15 | MOLEX INCORPORATED  |                              |                        |  |
|   |                               | ANGULAR ±1/2°                         |   | APPROVED BY<br>KMS       | DATE<br>1999/10/15 | MATERIAL NO.<br>SEE TABLE   | DOCUMENT NO.<br>SD-71308-001 |                        |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |                               | SIZE<br>C                             | 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<br>SEE NOTE 4 SHT 1 |        |             |        | 4-8 CKT     |             | BULK        |             | TAPE-N-REEL<br>W/ VAC CAPS |             | BULK        |             | TAPE-N-REEL<br>W/ VAC CAPS |             | BULK        |            | TAPE-N-REEL<br>W/ VAC CAPS |            | BULK       |  | BULK       |  | BULK  |  |
|        |        |                               |        |             |        | 10-100 CKT  |             | TUBES       |             | TAPE-N-REEL<br>W/ VAC CAPS |             | TUBES       |             | TAPE-N-REEL<br>W/ VAC CAPS |             | TUBES       |            | TAPE-N-REEL<br>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 |  | CKTS  |  |
|        |        | MM                            | IN     | MM          | IN     | MM          | IN          | 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 |  |            |  |       |  |
| 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 | 015-91-6124 | 015-91-1122 | 015-91-6125                | 015-91-1123 | 015-91-6126 | 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 | 015-91-6184 | 015-91-1182 | 015-91-6185                | 015-91-1183 | 015-91-6186 | 015-91-1184 | 015-91-0187                | 015-91-1180 | 18          |            |                            |            |            |  |            |  |       |  |
| 20     | 25.40  | 1.000                         | 22.86  | .900        | 20.32  | .800        | 015-91-1201 | 015-91-6204 | 015-91-1202 | 015-91-6205                | 015-91-1203 | 015-91-6206 | 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 | 015-91-6224 | 015-91-1222 | 015-91-6225                | 015-91-1223 | 015-91-6226 | 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 | 015-91-6244 | 015-91-1242 | 015-91-6245                | 015-91-1243 | 015-91-6246 | 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 | 015-91-6264 | 015-91-1262 | 015-91-6265                | 015-91-1263 | 015-91-6266 | 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 | 015-91-6284 | 015-91-1282 | 015-91-6285                | 015-91-1283 | 015-91-6286 | 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 | 015-91-6304 | 015-91-1302 | 015-91-6305                | 015-91-1303 | 015-91-6306 | 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 | 015-91-6324 | 015-91-1322 | 015-91-6325                | 015-91-1323 | 015-91-6326 | 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 | 015-91-6344 | 015-91-1342 | 015-91-6345                | 015-91-1343 | 015-91-6346 | 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 | 015-91-6364 | 015-91-1362 | 015-91-6365                | 015-91-1363 | 015-91-6366 | 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 | 015-91-6384 | 015-91-1382 | 015-91-6385                | 015-91-1383 | 015-91-6386 | 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 | 015-91-6404 | 015-91-1402 | 015-91-6405                | 015-91-1403 | 015-91-6406 | 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 | 015-91-6424 | 015-91-1422 | 015-91-6425                | 015-91-1423 | 015-91-6426 | 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 | 015-91-6444 | 015-91-1442 | 015-91-6445                | 015-91-1443 | 015-91-6446 | 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 | 015-91-6464 | 015-91-1462 | 015-91-6465                | 015-91-1463 | 015-91-6466 | 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 | 015-91-6484 | 015-91-1482 | 015-91-6485                | 015-91-1483 | 015-91-6486 | 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 | 015-91-6524 | 015-91-1522 | 015-91-6525                | 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 | 015-91-6544 | 015-91-1542 | 015-91-6545                | 015-91-1543 | 015-91-6546 | 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 | 015-91-6564 | 015-91-1562 | 015-91-6565                | 015-91-1563 | 015-91-6566 | 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 | 015-91-6584 | 015-91-1582 | 015-91-6585                | 015-91-1583 | 015-91-6586 | 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 | 015-91-6604 | 015-91-1602 | 015-91-6605                | 015-91-1603 | 015-91-6606 | 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 | 015-91-6624 | 015-91-1622 | 015-91-6625                | 015-91-1623 | 015-91-6626 | 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 | 015-91-6644 | 015-91-1642 | 015-91-6645                | 015-91-1643 | 015-91-6646 | 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 | 015-91-6664 | 015-91-1662 | 015-91-6665                | 015-91-1663 | 015-91-6666 | 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 | 015-91-6684 | 015-91-1682 | 015-91-6685                | 015-91-1683 | 015-91-6686 | 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 | 015-91-6704 | 015-91-1702 | 015-91-6705                | 015-91-1703 | 015-91-6706 | 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 | 015-91-6724 | 015-91-1722 | 015-91-6725                | 015-91-1723 | 015-91-6726 | 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 | 015-91-6744 | 015-91-1742 | 015-91-6745                | 015-91-1743 | 015-91-6746 | 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 | 015-91-6764 | 015-91-1762 | 015-91-6765                | 015-91-1763 | 015-91-6766 | 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 | 015-91-6784 | 015-91-1782 | 015-91-6785                | 015-91-1783 | 015-91-6786 | 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 | 015-91-6804 | 015-91-1802 | 015-91-6805                | 015-91-1803 | 015-91-6806 | 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  | 71308-5382  | 71308-5482                 | 71308-5582  | 82          |            |                            |            |            |  |            |  |       |  |
| 84     | 106.68 | 4.200                         | 104.14 | 4.100       | 101.60 | 4.000       | 71308-4084  | 71308-4184  | 71308-4284  | 71308-5084                 | 71308-5184  | 71308-5284  | 71308-5384  | 71308-5484                 | 71308-5584  | 84          |            |                            |            |            |  |            |  |       |  |
| 86     | 109.22 | 4.300                         | 106.68 | 4.200       | 104.14 | 4.100       | 71308-4086  | 71308-4186  | 71308-4286  | 71308-5086                 | 71308-5186  | 71308-5286  | 71308-5386  | 71308-5486                 | 71308-5586  | 86          |            |                            |            |            |  |            |  |       |  |
| 88     | 111.76 | 4.400                         | 109.22 | 4.300       | 106.68 | 4.200       | 71308-4088  | 71308-4188  | 71308-4288  | 71308-5088                 | 71308-5188  | 71308-5288  | 71308-5388  | 71308-5488                 | 71308-5588  | 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  | 71308-5390  | 71308-5490                 | 71308-5590  | 90          |            |                            |            |            |  |            |  |       |  |
| 92     | 116.84 | 4.600                         | 114.30 | 4.500       | 111.76 | 4.400       | 71308-4092  | 71308-4192  | 71308-4292  | 71308-5092                 | 71308-5192  | 71308-5292  | 71308-5392  | 71308-5492                 | 71308-5592  | 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  | 71308-5394  | 71308-5494                 | 71308-5594  | 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  | 71308-5396  | 71308-5496                 | 71308-5596  | 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  | 71308-5398  | 71308-5498                 | 71308-5598  | 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  | 71308-5400  | 71308-5500                 | 71308-5600  | 100         |            |                            |            |            |  |            |  |       |  |

LONG PEG VERSION (.130")

|  |                     |
|--|---------------------|
| <b>SEE SHEET 1</b><br>EC NO: UCP2009-2465<br>DRWIN/KIPPER 2009/08/04<br>CHKD:SSOUSEK 2009/08/07<br>APPR:FSM/ITH 2009/08/10<br>K3 | QUALITY SYMBOLS<br> |
|--|---------------------|

|    |    |                               |                |             |                            |             |                            |   |   |   |   |
|----|----|-------------------------------|----------------|-------------|----------------------------|-------------|----------------------------|---|---|---|---|
| 13 | 12 | 11                            | 10             | 9           | 8                          | 6           | 5                          | 4 | 3 | 2 | 1 |
|    |    | PACKAGING<br>SEE NOTE 4 SHT 1 | 4-8 CKT        | BULK        | TAPE-N-REEL<br>W/ VAC CAPS | BULK        | TAPE-N-REEL<br>W/ VAC CAPS |   |   |   |   |
|    |    |                               | 10-100 CKT     | TUBES       | TAPE-N-REEL<br>W/ VAC CAPS | TUBES       | TAPE-N-REEL<br>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) |                            |   |   |   |   |

| CKTS | DIM. A |       | DIM. B |       | DIM. C |       | 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  |

SHORT PEG VERSION (.055")

|   |                               |                                       |  |                          |  |       |                      |   |  |  |  |
|---|-------------------------------|---------------------------------------|--|--------------------------|--|-------|----------------------|---|--|--|--|
| SEE SHEET 1<br>EC NO: UCP2009-2465<br>DRWING: IPPER<br>CHKD: SSOUSEK<br>APPR: F SMITH<br>2009/08/04<br>2009/08/07<br>2009/08/10 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE<br>MM/IN |  | SCALE | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION                        |  |  |  |
|   |                               |                                       |  |                          |  |       |                      |   |  | SALES ASSY INSULATOR<br>DUAL ROW SMT W/BREAK-OFF<br>.025SQ PIN GULLWING .100 |  |
|   |                               |                                       |  |                          |  |       |                      |   |  |  |  |
|   |                               |                                       |  |                          |  |       |                      |   |  | MOLEX INCORPORATED   |  |
|   |                               |                                       |  |                          |  |       |                      |   |  |  |  |
|   |                               |                                       |  |                          |  |       |                      | DOCUMENT NO. SD-71308-001<br>SHEET NO. 5 OF 6 |  |  |  |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

PEG OPTION

NO PEG VERSION

NO PEG VERSION

LONG PEG VERSION (.130")

SHORT PEG VERSION (.055")

|                                |           |  |       |                           |                      |            |                           |       |       |       |                           |       |      |                            |
|--------------------------------|-----------|--|-------|---------------------------|----------------------|------------|---------------------------|-------|-------|-------|---------------------------|-------|------|----------------------------|
| PACKAGING<br>SEE NOTE 4, SHT 1 | 4-6 CKT   |  | BULK  | TAPE-N-REEL<br>W/VAC CAPS | N/A                  | 4-8 CKT    | TAPE-N-REEL<br>W/VAC CAPS | BULK  | BULK  | BULK  | TAPE-N-REEL<br>W/VAC CAPS | BULK  | BULK | TAPE-N-REEL<br>W/VAC CAPS  |
|                                | 8-100 CKT |  | TUBES | TAPE-N-REEL<br>W/VAC CAPS | TUBES<br>W/ VAC CAPS | 10-100 CKT | TAPE-N-REEL<br>W/VAC CAPS | TUBES | TUBES | TUBES | TAPE-N-REEL<br>W/VAC CAPS | TUBES | BULK | TAPE-N-REEL<br>W/ VAC CAPS |

|                |  |  |             |  |  |            |  |  |             |  |  |            |  |  |            |  |  |             |  |  |
|----------------|--|--|-------------|--|--|------------|--|--|-------------|--|--|------------|--|--|------------|--|--|-------------|--|--|
| DIM. M=0.25 MM |  |  | 6.10 (.240) |  |  | 8.13(.320) |  |  | 13.59(.535) |  |  | 6.10(.240) |  |  | 8.13(.320) |  |  | 6.10 (.240) |  |  |
| PLATING        |  |  | 59 TIN      |  |  | 59 TIN     |  |  | 59 TIN      |  |  | 59 TIN     |  |  | 59 TIN     |  |  | 59 TIN      |  |  |
| DIM. H         |  |  | 2.54(.100)  |  |  | 4.57(.180) |  |  | 4.57(.180)  |  |  | 2.54(.100) |  |  | 4.57(.180) |  |  | 2.54(.100)  |  |  |
| DIM. J         |  |  | 5.08(.200)  |  |  | 7.11(.280) |  |  | 7.11(.280)  |  |  | 5.08(.200) |  |  | 7.11(.280) |  |  | 5.08(.200)  |  |  |

| CKTS | DIM. A |       | DIM. B |       | DIM. C |       | EDP NUMBER | EDP NUMBER | EDP NUMBER | EDP NUMBER | EDP NUMBER | EDP NUMBER | EDP NUMBER | EDP NUMBER | EDP NUMBER | CKTS |
|------|--------|-------|--------|-------|--------|-------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------|
|      | MM     | IN    | MM     | IN    | MM     | IN    |            |            |            |            |            |            |            |            |            |      |
| 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 | 06   |
| 08   | 10.16  | .400  | 7.62   | .300  | 5.08   | .200  | 71308-5408 | 71308-5508 | 71308-5608 |            |            |            | 71308-6408 | 71308-6508 | 71308-6608 | 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 | 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 |            |            |            |            | 71308-6420 |            | 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 | 26   |
| 28   | 35.56  | 1.400 | 33.02  | 1.300 | 30.48  | 1.200 | 71308-5428 |            | 71308-5628 |            |            |            | 71308-6428 |            | 71308-6628 | 28   |
| 30   | 38.10  | 1.500 | 35.56  | 1.400 | 33.02  | 1.300 | 71308-5430 |            | 71308-5630 |            |            |            | 71308-6430 |            | 71308-6630 | 30   |
| 32   | 40.64  | 1.600 | 38.10  | 1.500 | 35.56  | 1.400 | 71308-5432 |            | 71308-5632 |            |            |            | 71308-6432 |            | 71308-6632 | 32   |
| 34   | 43.18  | 1.700 | 40.64  | 1.600 | 38.10  | 1.500 | 71308-5434 |            | 71308-5634 |            |            |            | 71308-6434 |            | 71308-6634 | 34   |
| 36   | 45.72  | 1.800 | 43.18  | 1.700 | 40.64  | 1.600 | 71308-5436 |            | 71308-5636 |            |            |            | 71308-6436 |            | 71308-6636 | 36   |
| 38   | 48.26  | 1.900 | 45.72  | 1.800 | 43.18  | 1.700 | 71308-5438 |            | 71308-5638 |            |            |            | 71308-6438 |            | 71308-6638 | 38   |
| 40   | 50.80  | 2.000 | 48.26  | 1.900 | 45.72  | 1.800 | 71308-5440 | 71308-5540 | 71308-5640 |            |            |            | 71308-6440 |            | 71308-6640 | 40   |
| 42   | 53.34  | 2.100 | 50.80  | 2.000 | 48.26  | 1.900 | 71308-5442 |            | 71308-5642 |            |            |            | 71308-6442 |            | 71308-6642 | 42   |
| 44   | 55.88  | 2.200 | 53.34  | 2.100 | 50.80  | 2.000 | 71308-5444 |            | 71308-5644 |            |            |            | 71308-6444 |            | 71308-6644 | 44   |
| 46   | 58.42  | 2.300 | 55.88  | 2.200 | 53.34  | 2.100 | 71308-5446 |            | 71308-5646 |            |            |            | 71308-6446 |            | 71308-6646 | 46   |
| 48   | 60.96  | 2.400 | 58.42  | 2.300 | 55.88  | 2.200 | 71308-5448 |            | 71308-5648 |            |            |            | 71308-6448 |            | 71308-6648 | 48   |
| 50   | 63.50  | 2.500 | 60.96  | 2.400 | 58.42  | 2.300 | 71308-5450 | 71308-5550 | 71308-5650 |            |            |            | 71308-6450 | 71308-6550 | 71308-6650 | 50   |
| 52   | 66.04  | 2.600 | 63.50  | 2.500 | 60.96  | 2.400 | 71308-5452 |            | 71308-5652 |            |            |            | 71308-6452 |            | 71308-6652 | 52   |
| 54   | 68.58  | 2.700 | 66.04  | 2.600 | 63.50  | 2.500 | 71308-5454 |            | 71308-5654 |            |            |            | 71308-6454 |            | 71308-6654 | 54   |
| 56   | 71.12  | 2.800 | 68.58  | 2.700 | 66.04  | 2.600 | 71308-5456 |            | 71308-5656 |            |            |            | 71308-6456 |            | 71308-6656 | 56   |
| 58   | 73.66  | 2.900 | 71.12  | 2.800 | 68.58  | 2.700 | 71308-5458 |            | 71308-5658 |            |            |            | 71308-6458 |            | 71308-6658 | 58   |
| 60   | 76.20  | 3.000 | 73.66  | 2.900 | 71.12  | 2.800 | 71308-5460 |            | 71308-5660 |            |            |            | 71308-6460 |            | 71308-6660 | 60   |
| 62   | 78.74  | 3.100 | 76.20  | 3.000 | 73.66  | 2.900 | 71308-5462 |            | 71308-5662 |            |            |            | 71308-6462 |            | 71308-6662 | 62   |
| 64   | 81.28  | 3.200 | 78.74  | 3.100 | 76.20  | 3.000 | 71308-5464 |            | 71308-5664 |            |            |            | 71308-6464 |            | 71308-6664 | 64   |
| 66   | 83.82  | 3.300 | 81.28  | 3.200 | 78.74  | 3.100 | 71308-5466 |            | 71308-5666 |            |            |            | 71308-6466 |            | 71308-6666 | 66   |
| 68   | 86.36  | 3.400 | 83.82  | 3.300 | 81.28  | 3.200 | 71308-5468 |            | 71308-5668 |            |            |            | 71308-6468 |            | 71308-6668 | 68   |
| 70   | 88.90  | 3.500 | 86.36  | 3.400 | 83.82  | 3.300 | 71308-5470 |            | 71308-5670 |            |            |            | 71308-6470 |            | 71308-6670 | 70   |
| 72   | 91.44  | 3.600 | 88.90  | 3.500 | 86.36  | 3.400 | 71308-5472 |            | 71308-5672 |            |            |            | 71308-6472 |            | 71308-6672 | 72   |
| 74   | 93.98  | 3.700 | 91.44  | 3.600 | 88.90  | 3.500 | 71308-5474 |            | 71308-5674 |            |            |            | 71308-6474 |            | 71308-6674 | 74   |
| 76   | 96.52  | 3.800 | 93.98  | 3.700 | 91.44  | 3.600 | 71308-5476 |            | 71308-5676 |            |            |            | 71308-6476 |            | 71308-6676 | 76   |
| 78   | 99.06  | 3.900 | 96.52  | 3.800 | 93.98  | 3.700 | 71308-5478 |            | 71308-5678 |            |            |            | 71308-6478 |            | 71308-6678 | 78   |
| 80   | 101.60 | 4.000 | 99.06  | 3.900 | 96.52  | 3.800 | 71308-5480 |            | 71308-5680 |            |            |            | 71308-6480 |            | 71308-6680 | 80   |
| 82   | 104.14 | 4.100 | 101.60 | 4.000 | 99.06  | 3.900 | 71308-5482 |            | 71308-5682 |            |            |            | 71308-6482 |            | 71308-6682 | 82   |
| 84   | 106.68 | 4.200 | 104.14 | 4.100 | 101.60 | 4.000 | 71308-5484 |            | 71308-5684 |            |            |            | 71308-6484 |            | 71308-6684 | 84   |
| 86   | 109.22 | 4.300 | 106.68 | 4.200 | 104.14 | 4.100 | 71308-5486 |            | 71308-5686 |            |            |            | 71308-6486 |            | 71308-6686 | 86   |
| 88   | 111.76 | 4.400 | 109.22 | 4.300 | 106.68 | 4.200 | 71308-5488 |            | 71308-5688 |            |            |            | 71308-6488 |            | 71308-6688 | 88   |
| 90   | 114.30 | 4.500 | 111.76 | 4.400 | 109.22 | 4.300 | 71308-5490 |            | 71308-5690 |            |            |            | 71308-6490 |            | 71308-6690 | 90   |
| 92   | 116.84 | 4.600 | 114.30 | 4.500 | 111.76 | 4.400 | 71308-5492 |            | 71308-5692 |            |            |            | 71308-6492 |            | 71308-6692 | 92   |
| 94   | 119.38 | 4.700 | 116.84 | 4.600 | 114.30 | 4.500 | 71308-5494 |            | 71308-5694 |            |            |            | 71308-6494 |            | 71308-6694 | 94   |
| 96   | 121.92 | 4.800 | 119.38 | 4.700 | 116.84 | 4.600 | 71308-5496 |            | 71308-5696 |            |            |            | 71308-6496 |            | 71308-6696 | 96   |
| 98   | 124.46 | 4.900 | 121.92 | 4.800 | 119.38 | 4.700 | 71308-5498 |            | 71308-5698 |            |            |            | 71308-6498 |            | 71308-6698 | 98   |
| 100  | 127.00 | 5.000 | 124.46 | 4.900 | 121.92 | 4.800 | 71308-5500 |            | 71308-5700 |            |            |            | 71308-6500 |            | 71308-6700 | 100  |

59 TIN PLATE ASSEMBLIES

|  |  |   |  |  |   |  |
|--|--|---|--|--|---|--|
| SEE SHEET 1<br>EC NO: UCP2009-2465<br>DRWN:KIPPER<br>CHKD:SSOUSEK<br>APPR:FSMLTH<br>2009/08/04<br>2009/08/07<br>2009/08/10 | QUALITY SYMBOLS<br>▽=0<br>▽=0                              | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .005<br>2 PLACES ± 0.13 ± .010<br>1 PLACE ± 0.25 ± ---<br>ANGULAR ± 1/2° | DIMENSION STYLE<br>MM/IN<br>DRAWN BY DATE<br>KMS 1999/10/15<br>CHECKED BY DATE<br>KMS 1999/10/15<br>APPROVED BY DATE<br>KMS 1999/10/15 | SCALE<br>1:1<br>DESIGN UNITS<br>INCH<br>THIRD ANGLE PROJECTION   | TITLE<br>SALES ASSY INSULATOR<br>DUAL ROW SMT W/BREAK-OFF<br>.025SQ PIN GULLWING .100<br>MOLEX INCORPORATED | MATERIAL NO.<br>SEE TABLE<br>DOCUMENT NO.<br>SD-71308-001<br>SHEET NO.<br>6 OF 6 |
|  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |   |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |  |
|  | K3   |   |  | C  |   |  |
|  | REV  |   |  |  |   |  |