

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

**Part Number:** [0015912180](#)  
**Status:** **Active**  
**Description:** 2.54mm (.100") Pitch C-Grid® Header, Surface Mount, Dual Row, Vertical, 18 Circuits, Tin (Sn) Plating, without PCB Locator Pegs

**Documents:**

|   |  |
|---|--|
| <a href="#">3D Model</a>                      | <a href="#">Product Specification PS-71308 (PDF)</a> |
| <a href="#">Packaging Specification (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                 |  |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |                               |
|----------------|-------------------------------|
| Product Family | PCB Headers                   |
| Series         | <a href="#">71308</a>         |
| Application    | Board-to-Board, Wire-to-Board |
| Product Name   | C-Grid®                       |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | Yes                            |
| Circuits (Loaded)              | 18                             |
| Circuits (maximum)             | 18                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 25                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Compliant            | No                             |
| Lock to Mating Part            | None                           |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | 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)      | 152.4                          |
| Plating min: Mating (µm)       | 3.81                           |
| Plating min: Termination (µin) | 152.4                          |
| Plating min: Termination (µm)  | 3.81                           |
| 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) |
|------------------------------|---------------------------|



*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](#)

Process Temperature max. C

260

**Material Info**

Old Part Number

71308-0018N

**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.

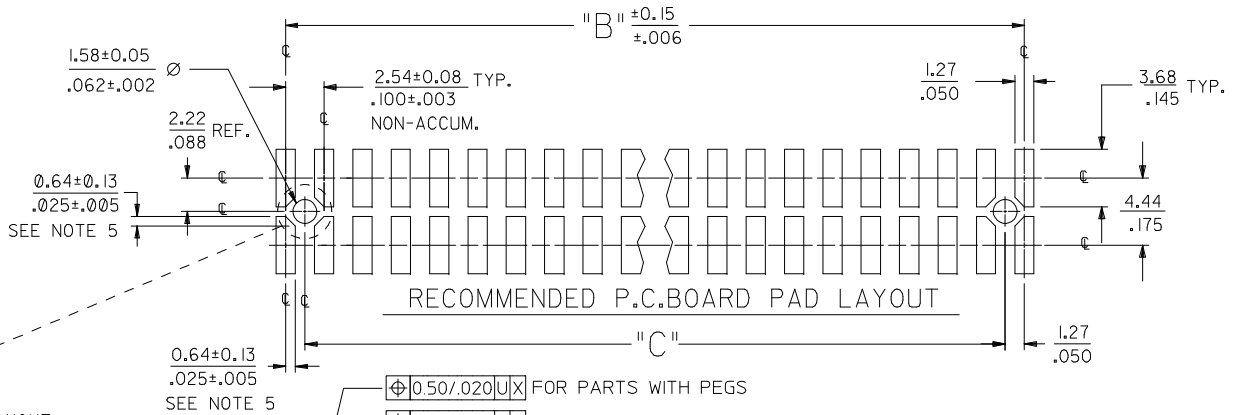


| DIM. "M"     | DIM. "G"      |
|--------------|---------------|
| 6.10<br>.240 | 10.67<br>.420 |
| 8.13<br>.320 | 12.70<br>.500 |

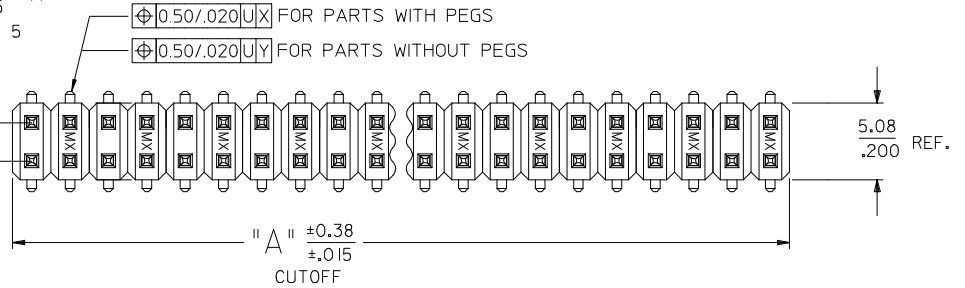
PEG OPTIONS



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

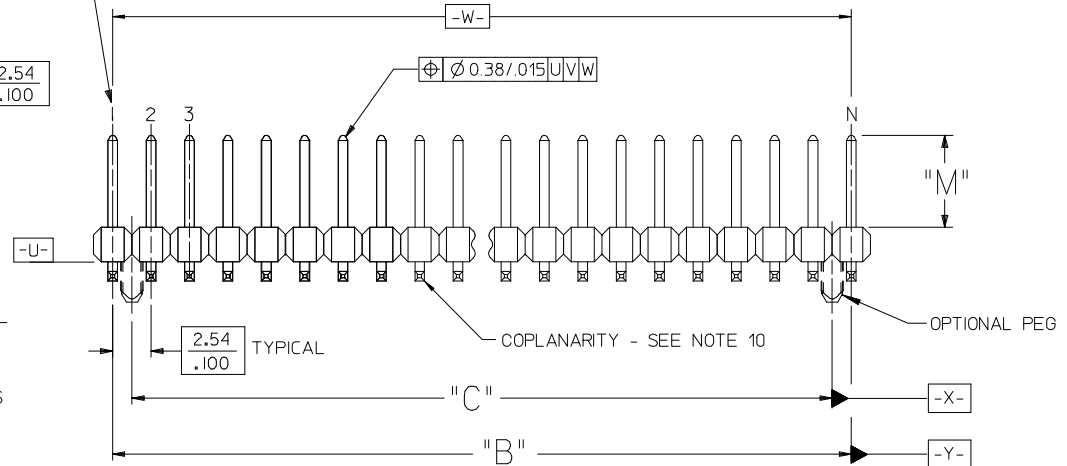
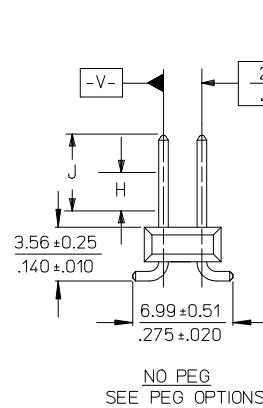


ROW "A"  
ROW "B"



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.



| REV | DESCRIPTION   | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)   |                       | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION   |  |
|-----|---|-----------------|---|-----------------------|-----------------|-------|--------------|--|--|
|     |   |                 | mm  | INCH                  |                 |       |              |  |  |
| 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 | ▽=0<br>▽=0      | 4 PLACES ± --- ± ---  | 3 PLACES ± --- ± .005 | MM/IN           | KMS   | INCH         | SALES ASSY INSULATOR<br>DUAL ROW SMT W/BREAK-OFF<br>.025SQ PIN GULLWING .100 |  |
|     |   |                 | 2 PLACES ± 0.13 ± .010  | 1 PLACE ± 0.25 ± ---  |                 | KMS   |              | MOLEX MOLEX INCORPORATED   |  |
|     |   |                 | ANGULAR ±1/2°   |                       |                 |       |              | SD-71308-001   |  |
|     |   |                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS  |                       | SEE TABLES      |       |              | SHEET NO.<br>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<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)   |               |               |      |
| I      | 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 | 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           |               |                            |               |                      |               |               |               |               |               |               |      |

| B        | <p style="text-align: center; font-size: 2em; font-weight: bold;">NO PEG VERSION</p> <p style="text-align: center;">(SEE ALSO SHEET 3)</p> | <p style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 0.8em;">SEE SHEET 1</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 0.7em;">EC NO: UCP2009-2465</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 0.7em;">DRWIN/KIPPER</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 0.7em;">CHKD:SSOUSEK</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 0.7em;">APPR:FSMITH</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 0.7em;">2009/08/04</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 0.7em;">2009/08/07</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 0.7em;">2009/08/10</p> | <p style="font-size: 0.8em;">QUALITY SYMBOLS</p> <p style="font-size: 0.8em;">▽=0</p> <p style="font-size: 0.8em;">▽=0</p> | <p style="font-size: 0.8em;">GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <table border="1" style="font-size: 0.7em;"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .010</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> </table> <p style="font-size: 0.8em;">ANGULAR ±1/2°</p> |          | mm     | INCH    | 4 PLACES | ± .005 | ± .0005 | 3 PLACES | ± .005 | ± .0005 | 2 PLACES | ± 0.13 | ± .010 | 1 PLACE | ± 0.25 | ± .010 |
|----------|--|--|--|---|----------|--------|---------|----------|--------|---------|----------|--------|---------|----------|--------|--------|---------|--------|--------|
|          |  |  |  |   |          | mm     | INCH    |          |        |         |          |        |         |          |        |        |         |        |        |
|          |  |  |  |   | 4 PLACES | ± .005 | ± .0005 |          |        |         |          |        |         |          |        |        |         |        |        |
|          |  |  |  |   | 3 PLACES | ± .005 | ± .0005 |          |        |         |          |        |         |          |        |        |         |        |        |
| 2 PLACES | ± 0.13   | ± .010   |  |   |          |        |         |          |        |         |          |        |         |          |        |        |         |        |        |
| 1 PLACE  | ± 0.25   | ± .010   |  |   |          |        |         |          |        |         |          |        |         |          |        |        |         |        |        |

| IN TAPE AND REEL WITH SHALLOW POCKET TAPE |        |            |                            |                            |               |               |  |  |  | BULK / IN TUBES |               |      |
|---|--------|------------|----------------------------|----------------------------|---------------|---------------|--|--|--|-----------------|---------------|------|
| PACKAGING<br>SEE NOTE 4, SHT 1            |        | 4-8 CKT    | TAPE-N-REEL<br>W/ VAC CAPS | TAPE-N-REEL<br>W/ VAC CAPS |               |               |  |  |  | BULK            | BULK          |      |
|   |        | 10-100 CKT | TAPE-N-REEL<br>W/ VAC CAPS | TAPE-N-REEL<br>W/ VAC CAPS |               |               |  |  |  | TUBES           | TUBES         |      |
| DIM. M±0.25 MM                            |        |            | 6.10 (.240)                | 6.10 (.240)                |               |               |  |  |  | 8.13 (.320)     | 13.59 (.535)  |      |
| PLATING                                   |        |            | 30 GOLD                    | 15 GOLD                    |               |               |  |  |  | 150 TIN         | 150 TIN       |      |
| DIM. H                                    |        |            | 2.54 (.100)                | 2.54 (.100)                |               |               |  |  |  | 4.57 (.180)     | 4.57 (.180)   |      |
| DIM. J                                    |        |            | 5.08 (.200)                | 5.08 (.200)                |               |               |  |  |  | 7.11 (.280)     | 7.11 (.280)   |      |
| CKTS                                      | DIM. A |            | DIM. B                     |                            | EDP<br>NUMBER | EDP<br>NUMBER |  |  |  | EDP<br>NUMBER   | EDP<br>NUMBER | CKTS |
|   | MM     | IN         | MM                         | IN                         |               |               |  |  |  |                 |               |      |
| 04  | 5.08   | .200       | 2.54                       | .100                       |               |               |  |  |  |                 |               | 04   |
| 06  | 7.62   | .300       | 5.08                       | .200                       |               | 015-91-6068   |  |  |  |                 |               | 06   |
| 08  | 10.16  | .400       | 7.62                       | .300                       |               | 015-91-6088   |  |  |  |                 |               | 08   |
| 10  | 12.70  | .500       | 10.16                      | .400                       |               | 015-91-6108   |  |  |  | 713088010       | 71308-8210    | 10   |
| 12  | 15.24  | .600       | 12.70                      | .500                       |               |               |  |  |  |                 |               | 12   |
| 14  | 17.78  | .700       | 15.24                      | .600                       | 015-91-6148   |               |  |  |  |                 |               | 14   |
| 16  | 20.32  | .800       | 17.78                      | .700                       |               |               |  |  |  | 713088016       |               | 16   |
| 18  | 22.86  | .900       | 20.32                      | .800                       |               |               |  |  |  |                 |               | 18   |
| 20  | 25.40  | 1.000      | 22.86                      | .900                       |               |               |  |  |  |                 |               | 20   |
| 22  | 27.94  | 1.100      | 25.40                      | 1.000                      |               |               |  |  |  |                 |               | 22   |
| 24  | 30.48  | 1.200      | 27.94                      | 1.100                      |               |               |  |  |  |                 |               | 24   |
| 26  | 33.02  | 1.300      | 30.48                      | 1.200                      |               |               |  |  |  |                 |               | 26   |
| 28  | 35.56  | 1.400      | 33.02                      | 1.300                      |               |               |  |  |  |                 |               | 28   |
| 30  | 38.10  | 1.500      | 35.56                      | 1.400                      |               |               |  |  |  |                 |               | 30   |
| 32  | 40.64  | 1.600      | 38.10                      | 1.500                      |               |               |  |  |  |                 |               | 32   |
| 34  | 43.18  | 1.700      | 40.64                      | 1.600                      |               |               |  |  |  |                 |               | 34   |
| 36  | 45.72  | 1.800      | 43.18                      | 1.700                      |               |               |  |  |  |                 |               | 36   |
| 38  | 48.26  | 1.900      | 45.72                      | 1.800                      |               |               |  |  |  |                 |               | 38   |
| 40  | 50.80  | 2.000      | 48.26                      | 1.900                      |               |               |  |  |  |                 |               | 40   |
| 42  | 53.34  | 2.100      | 50.80                      | 2.000                      |               |               |  |  |  |                 |               | 42   |
| 44  | 55.88  | 2.200      | 53.34                      | 2.100                      |               |               |  |  |  |                 |               | 44   |
| 46  | 58.42  | 2.300      | 55.88                      | 2.200                      |               |               |  |  |  |                 |               | 46   |
| 48  | 60.96  | 2.400      | 58.42                      | 2.300                      |               |               |  |  |  |                 |               | 48   |
| 50  | 63.50  | 2.500      | 60.96                      | 2.400                      |               |               |  |  |  |                 |               | 50   |
| 52  | 66.04  | 2.600      | 63.50                      | 2.500                      |               |               |  |  |  |                 |               | 52   |
| 54  | 68.58  | 2.700      | 66.04                      | 2.600                      |               |               |  |  |  |                 |               | 54   |
| 56  | 71.12  | 2.800      | 68.58                      | 2.700                      |               |               |  |  |  |                 |               | 56   |
| 58  | 73.66  | 2.900      | 71.12                      | 2.800                      |               |               |  |  |  |                 |               | 58   |
| 60  | 76.20  | 3.000      | 73.66                      | 2.900                      |               |               |  |  |  |                 |               | 60   |
| 62  | 78.74  | 3.100      | 76.20                      | 3.000                      |               |               |  |  |  |                 |               | 62   |
| 64  | 81.28  | 3.200      | 78.74                      | 3.100                      |               |               |  |  |  |                 |               | 64   |
| 66  | 83.82  | 3.300      | 81.28                      | 3.200                      |               |               |  |  |  |                 |               | 66   |
| 68  | 86.36  | 3.400      | 83.82                      | 3.300                      |               |               |  |  |  |                 |               | 68   |
| 70  | 88.90  | 3.500      | 86.36                      | 3.400                      |               |               |  |  |  |                 |               | 70   |
| 72  | 91.44  | 3.600      | 88.90                      | 3.500                      |               |               |  |  |  |                 |               | 72   |
| 74  | 93.98  | 3.700      | 91.44                      | 3.600                      |               |               |  |  |  |                 |               | 74   |
| 76  | 96.52  | 3.800      | 93.98                      | 3.700                      |               |               |  |  |  |                 |               | 76   |
| 78  | 99.06  | 3.900      | 96.52                      | 3.800                      |               |               |  |  |  |                 |               | 78   |
| 80  | 101.60 | 4.000      | 99.06                      | 3.900                      |               |               |  |  |  |                 |               | 80   |
| 82  | 104.14 | 4.100      | 101.60                     | 4.000                      |               |               |  |  |  |                 |               | 82   |
| 84  | 106.68 | 4.200      | 104.14                     | 4.100                      |               |               |  |  |  |                 |               | 84   |
| 86  | 109.22 | 4.300      | 106.68                     | 4.200                      |               |               |  |  |  |                 |               | 86   |
| 88  | 111.76 | 4.400      | 109.22                     | 4.300                      |               |               |  |  |  |                 |               | 88   |
| 90  | 114.30 | 4.500      | 111.76                     | 4.400                      |               |               |  |  |  |                 |               | 90   |
| 92  | 116.84 | 4.600      | 114.30                     | 4.500                      |               |               |  |  |  |                 |               | 92   |
| 94  | 119.38 | 4.700      | 116.84                     | 4.600                      |               |               |  |  |  |                 |               | 94   |
| 96  | 121.92 | 4.800      | 119.38                     | 4.700                      |               |               |  |  |  |                 |               | 96   |
| 98  | 124.46 | 4.900      | 121.92                     | 4.800                      |               |               |  |  |  |                 |               | 98   |
| 100                                       | 127.00 | 5.000      | 124.46                     | 4.900                      |               |               |  |  |  |                 |               | 100  |

**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<br>(UNLESS SPECIFIED)  | DIMENSION STYLE<br>MM/IN   | SCALE<br>INCH   | DESIGN UNITS<br>INCH      | THIRD ANGLE PROJECTION       |                     |
|   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS   | 4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .005<br>2 PLACES ± 0.13 ± .010<br>1 PLACE ± 0.25 ± ---<br>ANGULAR ± 1/2° | 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 | TITLE<br>SALES ASSY INSULATOR<br>DUAL ROW SMT W/BREAK-OFF<br>.025SQ PIN GULLWING .100 | MATERIAL NO.<br>SEE TABLE | DOCUMENT NO.<br>SD-71308-001 | SHEET NO.<br>3 OF 6 |
|   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |  |   |                           |                              |                     |
|   | MOLEX INCORPORATED   |   |  |   |                           |                              |                     |

| 13 | 12 | 11                            | 10             | 9           | 8                          | 7           | 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 | 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) | 6.10 (.240)                | 6.10 (.240) | 6.10 (.240)                | 8.13 (.320) | 8.13 (.320) | 8.13 (.320) |
|    |    |                               | PLATING        | 150 TIN     | 15 GOLD                    | 15 GOLD     | 15 GOLD                    | 15 GOLD     | 15 GOLD                    | 150 TIN     | 15 GOLD     | 30 GOLD     |
|    |    |                               | DIM. H         | 2.54 (.100) | 2.54 (.100)                | 2.54 (.100) | 2.54 (.100)                | 2.54 (.100) | 2.54 (.100)                | 4.57 (.180) | 4.57 (.180) | 4.57 (.180) |

| I   | CKTS   | DIM. A |        | DIM. B |        | DIM. C |             | EDP NUMBER  | EDP NUMBER  | EDP NUMBER  | EDP NUMBER  | EDP NUMBER  | EDP NUMBER  | EDP NUMBER  | EDP NUMBER  | EDP NUMBER | CKTS |
|-----|--------|--------|--------|--------|--------|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|------|
|     |        | MM     | IN     | MM     | IN     | MM     | IN          |             |             |             |             |             |             |             |             |            |      |
| 04  | 5.08   | .200   | 2.54   | .100   | ----   | ----   | 015-91-1041 | 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  |             | 71308-4184  |             | 71308-4284  |             | 71308-5084  | 71308-5184  | 71308-5284  | 84         |      |
| 86  | 109.22 | 4.300  | 106.68 | 4.200  | 104.14 | 4.100  | 71308-4086  |             | 71308-4186  |             | 71308-4286  |             | 71308-5086  | 71308-5186  | 71308-5286  | 86         |      |
| 88  | 111.76 | 4.400  | 109.22 | 4.300  | 106.68 | 4.200  | 71308-4088  |             | 71308-4188  |             | 71308-4288  |             | 71308-5088  | 71308-5188  | 71308-5288  | 88         |      |
| 90  | 114.30 | 4.500  | 111.76 | 4.400  | 109.22 | 4.300  | 71308-4090  |             | 71308-4190  |             | 71308-4290  |             | 71308-5090  | 71308-5190  | 71308-5290  | 90         |      |
| 92  | 116.84 | 4.600  | 114.30 | 4.500  | 111.76 | 4.400  | 71308-4092  |             | 71308-4192  |             | 71308-4292  |             | 71308-5092  | 71308-5192  | 71308-5292  | 92         |      |
| 94  | 119.38 | 4.700  | 116.84 | 4.600  | 114.30 | 4.500  | 71308-4094  |             | 71308-4194  |             | 71308-4294  |             | 71308-5094  | 71308-5194  | 71308-5294  | 94         |      |
| 96  | 121.92 | 4.800  | 119.38 | 4.700  | 116.84 | 4.600  | 71308-4096  |             | 71308-4196  |             | 71308-4296  |             | 71308-5096  | 71308-5196  | 71308-5296  | 96         |      |
| 98  | 124.46 | 4.900  | 121.92 | 4.800  | 119.38 | 4.700  | 71308-4098  |             | 71308-4198  |             | 71308-4298  |             | 71308-5098  | 71308-5198  | 71308-5298  | 98         |      |
| 100 | 127.00 | 5.000  | 124.46 | 4.900  | 121.92 | 4.800  | 71308-4100  |             | 71308-4200  |             | 71308-4300  |             | 71308-5100  | 71308-5200  | 71308-5300  | 100        |      |

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><b>K3</b> | QUALITY SYMBOLS<br> | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE  |  | SCALE  | DESIGN UNITS | THIRD ANGLE PROJECTION |  |  |
|   |                     | mm                                    | INCH   | MM/IN            |  |  | INCH         |                        |  |  |
|   |                     | 4 PLACES ± ---                        | ± ---  | DRAWN BY DATE    |  | TITLE  |              |                        |  |  |
|   |                     | 3 PLACES ± ---                        | ± .005 | KMS 1999/10/15   |  | SALES ASSY INSULATOR<br>DUAL ROW SMT W/BREAK-OFF<br>.025SQ PIN GULLWING .100 |              |                        |  |  |
|   |                     | 2 PLACES ± 0.13                       | ± .010 | CHECKED BY DATE  |  | MOLEX INCORPORATED   |              |                        |  |  |
| 1 PLACE ± 0.25  | ± ---               | KMS 1999/10/15                        |        | APPROVED BY DATE |  | MATERIAL NO.   |              | SHEET NO.              |  |  |
| ANGULAR ± 1/2°  |                     |                                       |        | KMS 1999/10/15   |  | DOCUMENT NO.   |              | SD-71308-001           |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |                     |                                       |        | SEE TABLE        |  |  |              | 4 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           | 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 | 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>DRW:MKIPPER<br>CHKD:SSOUSEK<br>APPR:FSMITH<br>2009/08/04<br>2009/08/07<br>2009/08/10 | QUALITY SYMBOLS<br> | GENERAL TOLERANCES (UNLESS SPECIFIED)                |      | DIMENSION STYLE |      | SCALE   | DESIGN UNITS | THIRD ANGLE PROJECTION   |  |
|  |                     | mm   | INCH | MM/IN           |      |   | INCH         |                          |  |
|  |                     | 4 PLACES ±   | ---- | ±               | ---- | DRAWN BY  | DATE         | TITLE                    |  |
|  |                     | 3 PLACES ±   | ---- | ±               | .005 | KMS   | 1999/10/15   | SALES ASSY INSULATOR     |  |
|  |                     | 2 PLACES ±   | 0.13 | ±               | .010 | CHECKED BY  | DATE         | DUAL ROW SMT W/BREAK-OFF |  |
|  |                     | 1 PLACE ±  | 0.25 | ±               | ---- | KMS   | 1999/10/15   | .025SQ PIN GULLWING .100 |  |
|  |                     | ANGULAR ±1/2°  |      |                 |      | APPROVED BY   | DATE         | MOLEX INCORPORATED       |  |
|  |                     |  |      |                 |      | KMS   | 1999/10/15   | MOLEX INCORPORATED       |  |
|  |                     | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |      | SEE TABLE       |      | MATERIAL NO.  | DOCUMENT NO. | SHEET NO.                |  |
|  |                     |  |      |                 |      | SD-71308-001  |              | 5 OF 6                   |  |
|  |                     |  |      |                 |      | 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)  | 4.57(.180) |                           | 2.54(.100)                |       | 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<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    | 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 | 2009/08/04<br>2009/08/07<br>2009/08/10 | DESCRIPTION<br>REV<br>K3 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)   | DIMENSION STYLE<br>MM/IN                 | SCALE<br>1:1  | DESIGN UNITS<br>INCH               | THIRD ANGLE PROJECTION |
|  |  |                          |                               | 4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .005<br>2 PLACES ± 0.13 ± .010<br>1 PLACE ± 0.25 ± --- | DRAWN BY<br>KMS<br>DATE<br>1999/10/15    | TITLE<br>SALES ASSY INSULATOR<br>DUAL ROW SMT W/BREAK-OFF<br>.025SQ PIN GULLWING .100 | MOLEX INCORPORATED<br>SD-71308-001 |                        |
|  |  |                          |                               | ANGULAR ± 1/2°  | CHECKED BY<br>KMS<br>DATE<br>1999/10/15  | SHEET NO.<br>6 OF 6   |                                    |                        |
|  |  |                          |                               | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                      | APPROVED BY<br>KMS<br>DATE<br>1999/10/15 |   |                                    |                        |

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