

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

**Part Number:** [0015911503](#)  
**Status:** **Active**  
**Description:** 2.54mm (.100") Pitch C-Grid® Header, Surface Mount, Dual Row, Vertical, 50 Circuits, 0.76µm (30µ") Gold (Au) Selective Plating, with 3.30mm (.130") PCB Locator Pegs

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [71308](#)  
 Application Board-to-Board, Wire-to-Board  
 Product Name C-Grid®

**Physical**

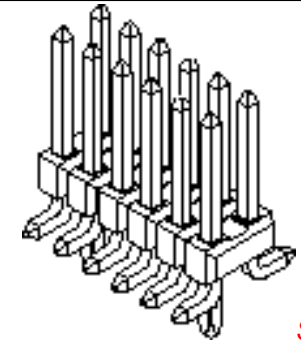
Breakaway Yes  
 Circuits (Loaded) 50  
 Circuits (maximum) 50  
 Color - Resin Black  
 Durability (mating cycles max) 50  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Lock to Mating Part None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Number of Rows 2  
 Orientation Vertical  
 PCB Locator Yes  
 PCB Retention Yes  
 Packaging Type Tube  
 Pitch - Mating Interface (in) 0.100 In  
 Pitch - Mating Interface (mm) 2.54 mm  
 Plating min: Mating (µin) 30  
 Plating min: Mating (µm) 0.75  
 Plating min: Termination (µin) 75  
 Plating min: Termination (µm) 1.875  
 Polarized to Mating Part No  
 Polarized to PCB No  
 Shrouded No  
 Stackable Yes  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Surface Mount

**Electrical**

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

**Solder Process Data**

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



*Series  
image - Reference only*

**EU RoHS**

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

**China RoHS**



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environmental compliance?**

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 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

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

**Material Info**

Old Part Number

A713084250N

**Reference - Drawing Numbers**

Product Specification

PS-71308, RPS-71308-001

Sales Drawing

SD-71308-001

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|     |        | 13                            |        | 12        |             | 11            |               | 10                         |               | 9                    |               | 8             |               | 7                          |               | 6                    |               | 5             |               | 4                          |               | 3                    |               | 2             |               | 1             |      |
|-----|--------|-------------------------------|--------|-----------|-------------|---------------|---------------|----------------------------|---------------|----------------------|---------------|---------------|---------------|----------------------------|---------------|----------------------|---------------|---------------|---------------|----------------------------|---------------|----------------------|---------------|---------------|---------------|---------------|------|
|     |        | PACKAGING<br>SEE NOTE 4 SHT 1 |        | 4-6 CKT   |             | BULK          |               | TAPE-N-REEL<br>W/ VAC CAPS |               | N/A                  |               | BULK          |               | TAPE-N-REEL<br>W/ VAC CAPS |               | N/A                  |               | BULK          |               | TAPE-N-REEL<br>W/ VAC CAPS |               | N/A                  |               | BULK          |               | BULK          |      |
|     |        |                               |        | 8-100 CKT |             | TUBES         |               | TAPE-N-REEL<br>W/ VAC CAPS |               | TUBES<br>W/ VAC CAPS |               | TUBES         |               | TAPE-N-REEL<br>W/ VAC CAPS |               | TUBES<br>W/ VAC CAPS |               | TUBES         |               | TAPE-N-REEL<br>W/ VAC CAPS |               | TUBES<br>W/ VAC CAPS |               | TUBES         |               | TUBES         |      |
|     |        | DIM. M ±0.25 MM               |        |           |             | 6.10 (.240)   |               |                            |               |                      |               | 6.10 (.240)   |               |                            |               |                      |               | 6.10 (.240)   |               |                            |               |                      |               | 8.13 (.320)   |               | 8.13 (.320)   |      |
|     |        | PLATING                       |        |           |             | 150 TIN       |               |                            |               |                      |               | 15 GOLD       |               |                            |               |                      |               | 30 GOLD       |               |                            |               |                      |               | 15 GOLD       |               | 30 GOLD       |      |
|     |        | DIM. H                        |        |           |             | 2.54 (.100)   |               |                            |               |                      |               | 2.54 (.100)   |               |                            |               |                      |               | 2.54 (.100)   |               |                            |               |                      |               | 4.57 (.180)   |               | 4.57 (.180)   |      |
|     |        | DIM. J                        |        |           |             | 5.08 (.200)   |               |                            |               |                      |               | 5.08 (.200)   |               |                            |               |                      |               | 5.08 (.200)   |               |                            |               |                      |               | 7.11 (.280)   |               | 7.11 (.280)   |      |
| 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: 24px; font-weight: bold;">NO PEG VERSION</p> <p style="text-align: center;">(SEE ALSO SHEET 3)</p> | <p style="font-size: 12px;">           SEE SHEET 1<br/>           EC NO: UCP2009-2465<br/>           DRWIN/KIPPER<br/>           CHKD:SSOUSEK<br/>           APPR:FSMITH<br/>           2009/08/04<br/>           2009/08/07<br/>           2009/08/10         </p> | <p style="font-size: 12px;">           QUALITY SYMBOLS<br/>           ▽=0<br/>           ▽=0         </p> | <p style="font-size: 12px;">           GENERAL TOLERANCES (UNLESS SPECIFIED)<br/>           4 PLACES ± --- ± ---<br/>           3 PLACES ± --- ± .005<br/>           2 PLACES ± 0.13 ± .010<br/>           1 PLACE ± 0.25 ± ---<br/>           ANGULAR ±1/2°         </p> | <p style="font-size: 12px;">           DIMENSION STYLE<br/>           MM/IN<br/>           DRAWN BY DATE<br/>           KMS 1999/10/15<br/>           CHECKED BY DATE<br/>           KMS 1999/10/15<br/>           APPROVED BY DATE<br/>           KMS 1999/10/15         </p> | <p style="font-size: 12px;">           SCALE<br/>           DESIGN UNITS<br/>           INCH<br/>           THIRD ANGLE PROJECTION         </p> | <p style="font-size: 12px;">           TITLE<br/>           SALES ASSY INSULATOR<br/>           DUAL ROW SMT W/BREAK-OFF<br/>           .025SQ PIN GULLWING .100         </p> | <p style="font-size: 12px;">           MOLEX INCORPORATED         </p> | <p style="font-size: 12px;">           MATERIAL NO.<br/>           SEE TABLE<br/>           SHEET NO.<br/>           SD-71308-001<br/> </p> |
|---|---|---|---|---|--|---|---|--|---|

| 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)<br><table border="1"> <tr><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES ± .---</td><td>± .---</td></tr> <tr><td>3 PLACES ± .---</td><td>± .005</td></tr> <tr><td>2 PLACES ± 0.13</td><td>± .010</td></tr> <tr><td>1 PLACE ± 0.25</td><td>± .---</td></tr> </table> ANGULAR ±1/2° | mm                  | INCH | 4 PLACES ± .--- | ± .--- | 3 PLACES ± .--- | ± .005 | 2 PLACES ± 0.13 | ± .010 | 1 PLACE ± 0.25 | ± .--- | DIMENSION STYLE<br>MM/IN<br>DRAWN BY DATE<br>KMS 1999/10/15<br>CHECKED BY DATE<br>KMS 1999/10/15<br>APPROVED BY DATE<br>KMS 1999/10/15 | SCALE<br>DESIGN UNITS<br>INCH<br>THIRD ANGLE PROJECTION | TITLE<br>SALES ASSY INSULATOR<br>DUAL ROW SMT W/BREAK-OFF<br>.025SQ PIN GULLWING .100<br>MOLEX MOLEX INCORPORATED |
|--|-------------------------------|--|---------------------|------|-----------------|--------|-----------------|--------|-----------------|--------|----------------|--------|--|---|---|
|  | mm                            | INCH   |                     |      |                 |        |                 |        |                 |        |                |        |  |   |   |
|  | 4 PLACES ± .---               | ± .---   |                     |      |                 |        |                 |        |                 |        |                |        |  |   |   |
|  | 3 PLACES ± .---               | ± .005   |                     |      |                 |        |                 |        |                 |        |                |        |  |   |   |
| 2 PLACES ± 0.13  | ± .010                        |  |                     |      |                 |        |                 |        |                 |        |                |        |  |   |   |
| 1 PLACE ± 0.25   | ± .---                        |  |                     |      |                 |        |                 |        |                 |        |                |        |  |   |   |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS   | 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 |                               |  |                     |      |                 |        |                 |        |                 |        |                |        |  |   |   |
| K3   | REV                           | DESCRIPTION  | TITLE               |      |                 |        |                 |        |                 |        |                |        |  |   |   |

|        |        | 13                            |        | 12     |        | 11          |             | 10          |             | 9           |             | 8                          |             | 7           |             | 6                          |  | 5           |  | 4                          |  | 3           |  | 2           |  | 1           |  |      |
|--------|--------|-------------------------------|--------|--------|--------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------------|-------------|-------------|-------------|----------------------------|--|-------------|--|----------------------------|--|-------------|--|-------------|--|-------------|--|------|
| J      |        | PACKAGING<br>SEE NOTE 4 SHT 1 |        |        |        |             |             | 4-8 CKT     |             | BULK        |             | TAPE-N-REEL<br>W/ VAC CAPS |             | BULK        |             | TAPE-N-REEL<br>W/ VAC CAPS |  | BULK        |  | TAPE-N-REEL<br>W/ VAC CAPS |  | BULK        |  | BULK        |  | BULK        |  |      |
|        |        |                               |        |        |        |             |             | 10-100 CKT  |             | TUBES       |             | TAPE-N-REEL<br>W/ VAC CAPS |             | TUBES       |             | TAPE-N-REEL<br>W/ VAC CAPS |  | TUBES       |  | TAPE-N-REEL<br>W/ VAC CAPS |  | TUBES       |  | TUBES       |  | TUBES       |  |      |
|        |        | DIM. M±0.25 MM                |        |        |        |             |             | 6.10 (.240) |             | 6.10 (.240) |             | 6.10 (.240)                |             | 6.10 (.240) |             | 8.13 (.320)                |  | 8.13 (.320) |  | 8.13 (.320)                |  | 8.13 (.320) |  | 8.13 (.320) |  | 8.13 (.320) |  |      |
|        |        | PLATING                       |        |        |        |             |             | 150 TIN     |             | 15 GOLD     |             | 15 GOLD                    |             | 30 GOLD     |             | 150 TIN                    |  | 15 GOLD     |  | 30 GOLD                    |  | 150 TIN     |  | 15 GOLD     |  | 30 GOLD     |  |      |
| DIM. H |        |                               |        |        |        | 2.54 (.100) |             | 2.54 (.100) |             | 2.54 (.100) |             | 2.54 (.100)                |             | 4.57 (.180) |             | 4.57 (.180)                |  | 4.57 (.180) |  | 4.57 (.180)                |  | 4.57 (.180) |  | 4.57 (.180) |  |             |  |      |
| DIM. J |        |                               |        |        |        | 5.08 (.200) |             | 5.08 (.200) |             | 5.08 (.200) |             | 5.08 (.200)                |             | 7.11 (.280) |             | 7.11 (.280)                |  | 7.11 (.280) |  | 7.11 (.280)                |  | 7.11 (.280) |  | 7.11 (.280) |  |             |  |      |
| I      | CKTS   | DIM. A                        |        | DIM. B |        | DIM. C      |             | EDP NUMBER  |             | EDP NUMBER  |             | EDP NUMBER                 |             | EDP NUMBER  |             | EDP NUMBER                 |  | EDP NUMBER  |  | EDP NUMBER                 |  | EDP NUMBER  |  | EDP NUMBER  |  | EDP NUMBER  |  | CKTS |
|        |        | MM                            | IN     | MM     | IN     | MM          | IN          |             |             |             |             |                            |             |             |             |                            |  |             |  |                            |  |             |  |             |  |             |  |      |
| 04     | 5.08   | .200                          | 2.54   | .100   | ----   | ----        | 015-91-1041 | 015-91-6044 | 015-91-1042 | 015-91-6045 | 015-91-1043 | 015-91-6046                | 015-91-1044 | 015-91-0047 | 015-91-1040 | 04                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 06     | 7.62   | .300                          | 5.08   | .200   | 2.54   | .100        | 015-91-1061 | 015-91-6064 | 015-91-1062 | 015-91-6065 | 015-91-1063 | 015-91-6066                | 015-91-1064 | 015-91-0067 | 015-91-1060 | 06                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 08     | 10.16  | .400                          | 7.62   | .300   | 5.08   | .200        | 015-91-1081 | 015-91-6084 | 015-91-1082 | 015-91-6085 | 015-91-1083 | 015-91-6086                | 015-91-1084 | 015-91-0087 | 015-91-1080 | 08                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 10     | 12.70  | .500                          | 10.16  | .400   | 7.62   | .300        | 015-91-1101 | 015-91-6104 | 015-91-1102 | 015-91-6105 | 015-91-1103 | 015-91-6106                | 015-91-1104 | 015-91-0107 | 015-91-1100 | 10                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 12     | 15.24  | .600                          | 12.70  | .500   | 10.16  | .400        | 015-91-1121 | 015-91-6124 | 015-91-1122 | 015-91-6125 | 015-91-1123 | 015-91-6126                | 015-91-1124 | 015-91-0127 | 015-91-1120 | 12                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 14     | 17.78  | .700                          | 15.24  | .600   | 12.70  | .500        | 015-91-1141 | 015-91-6144 | 015-91-1142 | 015-91-6145 | 015-91-1143 | 015-91-6146                | 015-91-1144 | 015-91-0147 | 015-91-1140 | 14                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 16     | 20.32  | .800                          | 17.78  | .700   | 15.24  | .600        | 015-91-1161 | 015-91-6164 | 015-91-1162 | 015-91-6165 | 015-91-1163 | 015-91-6166                | 015-91-1164 | 015-91-0167 | 015-91-1160 | 16                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 18     | 22.86  | .900                          | 20.32  | .800   | 17.78  | .700        | 015-91-1181 | 015-91-6184 | 015-91-1182 | 015-91-6185 | 015-91-1183 | 015-91-6186                | 015-91-1184 | 015-91-0187 | 015-91-1180 | 18                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 20     | 25.40  | 1.000                         | 22.86  | .900   | 20.32  | .800        | 015-91-1201 | 015-91-6204 | 015-91-1202 | 015-91-6205 | 015-91-1203 | 015-91-6206                | 015-91-1204 | 015-91-0207 | 015-91-1200 | 20                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 22     | 27.94  | 1.100                         | 25.40  | 1.000  | 22.86  | .900        | 015-91-1221 | 015-91-6224 | 015-91-1222 | 015-91-6225 | 015-91-1223 | 015-91-6226                | 015-91-1224 | 015-91-0227 | 015-91-1220 | 22                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 24     | 30.48  | 1.200                         | 27.94  | 1.100  | 25.40  | 1.000       | 015-91-1241 | 015-91-6244 | 015-91-1242 | 015-91-6245 | 015-91-1243 | 015-91-6246                | 015-91-1244 | 015-91-0247 | 015-91-1240 | 24                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 26     | 33.02  | 1.300                         | 30.48  | 1.200  | 27.94  | 1.100       | 015-91-1261 | 015-91-6264 | 015-91-1262 | 015-91-6265 | 015-91-1263 | 015-91-6266                | 015-91-1264 | 015-91-0267 | 015-91-1260 | 26                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 28     | 35.56  | 1.400                         | 33.02  | 1.300  | 30.48  | 1.200       | 015-91-1281 | 015-91-6284 | 015-91-1282 | 015-91-6285 | 015-91-1283 | 015-91-6286                | 015-91-1284 | 015-91-0287 | 015-91-1280 | 28                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 30     | 38.10  | 1.500                         | 35.56  | 1.400  | 33.02  | 1.300       | 015-91-1301 | 015-91-6304 | 015-91-1302 | 015-91-6305 | 015-91-1303 | 015-91-6306                | 015-91-1304 | 015-91-0307 | 015-91-1300 | 30                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 32     | 40.64  | 1.600                         | 38.10  | 1.500  | 35.56  | 1.400       | 015-91-1321 | 015-91-6324 | 015-91-1322 | 015-91-6325 | 015-91-1323 | 015-91-6326                | 015-91-1324 | 015-91-0327 | 015-91-1320 | 32                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 34     | 43.18  | 1.700                         | 40.64  | 1.600  | 38.10  | 1.500       | 015-91-1341 | 015-91-6344 | 015-91-1342 | 015-91-6345 | 015-91-1343 | 015-91-6346                | 015-91-1344 | 015-91-0347 | 015-91-1340 | 34                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 36     | 45.72  | 1.800                         | 43.18  | 1.700  | 40.64  | 1.600       | 015-91-1361 | 015-91-6364 | 015-91-1362 | 015-91-6365 | 015-91-1363 | 015-91-6366                | 015-91-1364 | 015-91-0367 | 015-91-1360 | 36                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 38     | 48.26  | 1.900                         | 45.72  | 1.800  | 43.18  | 1.700       | 015-91-1381 | 015-91-6384 | 015-91-1382 | 015-91-6385 | 015-91-1383 | 015-91-6386                | 015-91-1384 | 015-91-0387 | 015-91-1380 | 38                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 40     | 50.80  | 2.000                         | 48.26  | 1.900  | 45.72  | 1.800       | 015-91-1401 | 015-91-6404 | 015-91-1402 | 015-91-6405 | 015-91-1403 | 015-91-6406                | 015-91-1404 | 015-91-0407 | 015-91-1400 | 40                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 42     | 53.34  | 2.100                         | 50.80  | 2.000  | 48.26  | 1.900       | 015-91-1421 | 015-91-6424 | 015-91-1422 | 015-91-6425 | 015-91-1423 | 015-91-6426                | 015-91-1424 | 015-91-0427 | 015-91-1420 | 42                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 44     | 55.88  | 2.200                         | 53.34  | 2.100  | 50.80  | 2.000       | 015-91-1441 | 015-91-6444 | 015-91-1442 | 015-91-6445 | 015-91-1443 | 015-91-6446                | 015-91-1444 | 015-91-0447 | 015-91-1440 | 44                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 46     | 58.42  | 2.300                         | 55.88  | 2.200  | 53.34  | 2.100       | 015-91-1461 | 015-91-6464 | 015-91-1462 | 015-91-6465 | 015-91-1463 | 015-91-6466                | 015-91-1464 | 015-91-0467 | 015-91-1460 | 46                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 48     | 60.96  | 2.400                         | 58.42  | 2.300  | 55.88  | 2.200       | 015-91-1481 | 015-91-6484 | 015-91-1482 | 015-91-6485 | 015-91-1483 | 015-91-6486                | 015-91-1484 | 015-91-0487 | 015-91-1480 | 48                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 50     | 63.50  | 2.500                         | 60.96  | 2.400  | 58.42  | 2.300       | 015-91-1501 | 015-91-6504 | 015-91-1502 | 015-91-6505 | 015-91-1503 | 015-91-6506                | 015-91-1504 | 015-91-0507 | 015-91-1500 | 50                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 52     | 66.04  | 2.600                         | 63.50  | 2.500  | 60.96  | 2.400       | 015-91-1521 | 015-91-6524 | 015-91-1522 | 015-91-6525 | 015-91-1523 | 71308-5203                 | 015-91-1524 | 015-91-0527 | 015-91-1520 | 52                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 54     | 68.58  | 2.700                         | 66.04  | 2.600  | 63.50  | 2.500       | 015-91-1541 | 015-91-6544 | 015-91-1542 | 015-91-6545 | 015-91-1543 | 015-91-6546                | 015-91-1544 | 015-91-0547 | 015-91-1540 | 54                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 56     | 71.12  | 2.800                         | 68.58  | 2.700  | 66.04  | 2.600       | 015-91-1561 | 015-91-6564 | 015-91-1562 | 015-91-6565 | 015-91-1563 | 015-91-6566                | 015-91-1564 | 015-91-0567 | 015-91-1560 | 56                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 58     | 73.66  | 2.900                         | 71.12  | 2.800  | 68.58  | 2.700       | 015-91-1581 | 015-91-6584 | 015-91-1582 | 015-91-6585 | 015-91-1583 | 015-91-6586                | 015-91-1584 | 015-91-0587 | 015-91-1580 | 58                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 60     | 76.20  | 3.000                         | 73.66  | 2.900  | 71.12  | 2.800       | 015-91-1601 | 015-91-6604 | 015-91-1602 | 015-91-6605 | 015-91-1603 | 015-91-6606                | 015-91-1604 | 015-91-0607 | 015-91-1600 | 60                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 62     | 78.74  | 3.100                         | 76.20  | 3.000  | 73.66  | 2.900       | 015-91-1621 | 015-91-6624 | 015-91-1622 | 015-91-6625 | 015-91-1623 | 015-91-6626                | 015-91-1624 | 015-91-0627 | 015-91-1620 | 62                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 64     | 81.28  | 3.200                         | 78.74  | 3.100  | 76.20  | 3.000       | 015-91-1641 | 015-91-6644 | 015-91-1642 | 015-91-6645 | 015-91-1643 | 015-91-6646                | 015-91-1644 | 015-91-0647 | 015-91-1640 | 64                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 66     | 83.82  | 3.300                         | 81.28  | 3.200  | 78.74  | 3.100       | 015-91-1661 | 015-91-6664 | 015-91-1662 | 015-91-6665 | 015-91-1663 | 015-91-6666                | 015-91-1664 | 015-91-0667 | 015-91-1660 | 66                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 68     | 86.36  | 3.400                         | 83.82  | 3.300  | 81.28  | 3.200       | 015-91-1681 | 015-91-6684 | 015-91-1682 | 015-91-6685 | 015-91-1683 | 015-91-6686                | 015-91-1684 | 015-91-0687 | 015-91-1680 | 68                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 70     | 88.90  | 3.500                         | 86.36  | 3.400  | 83.82  | 3.300       | 015-91-1701 | 015-91-6704 | 015-91-1702 | 015-91-6705 | 015-91-1703 | 015-91-6706                | 015-91-1704 | 015-91-0707 | 015-91-1700 | 70                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 72     | 91.44  | 3.600                         | 88.90  | 3.500  | 86.36  | 3.400       | 015-91-1721 | 015-91-6724 | 015-91-1722 | 015-91-6725 | 015-91-1723 | 015-91-6726                | 015-91-1724 | 015-91-0727 | 015-91-1720 | 72                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 74     | 93.98  | 3.700                         | 91.44  | 3.600  | 88.90  | 3.500       | 015-91-1741 | 015-91-6744 | 015-91-1742 | 015-91-6745 | 015-91-1743 | 015-91-6746                | 015-91-1744 | 015-91-0747 | 015-91-1740 | 74                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 76     | 96.52  | 3.800                         | 93.98  | 3.700  | 91.44  | 3.600       | 015-91-1761 | 015-91-6764 | 015-91-1762 | 015-91-6765 | 015-91-1763 | 015-91-6766                | 015-91-1764 | 015-91-0767 | 015-91-1760 | 76                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 78     | 99.06  | 3.900                         | 96.52  | 3.800  | 93.98  | 3.700       | 015-91-1781 | 015-91-6784 | 015-91-1782 | 015-91-6785 | 015-91-1783 | 015-91-6786                | 015-91-1784 | 015-91-0787 | 015-91-1780 | 78                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 80     | 101.60 | 4.000                         | 99.06  | 3.900  | 96.52  | 3.800       | 015-91-1801 | 015-91-6804 | 015-91-1802 | 015-91-6805 | 015-91-1803 | 015-91-6806                | 015-91-1804 | 015-91-0807 | 015-91-1800 | 80                         |  |             |  |                            |  |             |  |             |  |             |  |      |
| 82     | 104.14 | 4.100                         | 101.60 | 4.000  | 99.06  | 3.900       | 71308-4082  | 71308-4182  | 71308-4282  | 71308-5082  | 71308-5182  | 71308-5282                 | 71308-5082  | 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                 | 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                 | 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                 | 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                 | 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                 | 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                 | 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                 | 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                 | 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                 | 71308-5100  | 71308-5200  | 7           |                            |  |             |  |                            |  |             |  |             |  |             |  |      |

|    |    |                               |                |             |                            |             |                            |   |   |   |   |  |
|----|----|-------------------------------|----------------|-------------|----------------------------|-------------|----------------------------|---|---|---|---|--|
| 13 | 12 | 11                            | 10             | 9           | 8                          | 6           | 5                          | 4 | 3 | 2 | 1 |  |
|    |    | PACKAGING<br>SEE NOTE 4 SHT 1 | 4-8 CKT        | BULK        | TAPE-N-REEL<br>W/ VAC CAPS | BULK        | TAPE-N-REEL<br>W/ VAC CAPS |   |   |   |   |  |
|    |    |                               | 10-100 CKT     | TUBES       | TAPE-N-REEL<br>W/ VAC CAPS | TUBES       | TAPE-N-REEL<br>W/ VAC CAPS |   |   |   |   |  |
|    |    |                               | DIM. M±0.25 MM |             | 6.10 (.240)                |             | 6.10 (.240)                |   |   |   |   |  |
|    |    |                               | PLATING        |             | 30 GOLD                    |             | 150 TIN                    |   |   |   |   |  |
|    |    |                               | DIM. H         |             | 2.54 (.100)                |             | 2.54 (.100)                |   |   |   |   |  |
|    |    | DIM. J                        |                | 5.08 (.200) |                            | 5.08 (.200) |                            |   |   |   |   |  |

| CKTS | DIM. A |       | DIM. B |       | DIM. C |       | EDP NUMBER  |             | EDP NUMBER |            | EDP NUMBER |  | EDP NUMBER |  | EDP NUMBER |  | CKTS |
|------|--------|-------|--------|-------|--------|-------|-------------|-------------|------------|------------|------------|--|------------|--|------------|--|------|
|      | MM     | IN    | MM     | IN    | MM     | IN    |             |             |            |            |            |  |            |  |            |  |      |
| 04   | 5.08   | .200  | 2.54   | .100  | ----   | ----  | 015-91-1048 | 015-91-6047 |            |            |            |  |            |  |            |  | 04   |
| 06   | 7.62   | .300  | 5.08   | .200  | 2.54   | .100  | 015-91-1068 | 015-91-6067 | 71308-6106 | 71308-6206 |            |  |            |  |            |  | 06   |
| 08   | 10.16  | .400  | 7.62   | .300  | 5.08   | .200  | 015-91-1088 | 015-91-6087 | 71308-6108 | 71308-6208 |            |  |            |  |            |  | 08   |
| 10   | 12.70  | .500  | 10.16  | .400  | 7.62   | .300  | 015-91-1108 | 015-91-6107 | 71308-6110 | 71308-6210 |            |  |            |  |            |  | 10   |
| 12   | 15.24  | .600  | 12.70  | .500  | 10.16  | .400  | 015-91-1128 |             |            |            |            |  |            |  |            |  | 12   |
| 14   | 17.78  | .700  | 15.24  | .600  | 12.70  | .500  | 015-91-1148 | 015-91-6147 |            |            |            |  |            |  |            |  | 14   |
| 16   | 20.32  | .800  | 17.78  | .700  | 15.24  | .600  | 015-91-1168 | 015-91-6167 |            |            |            |  |            |  |            |  | 16   |
| 18   | 22.86  | .900  | 20.32  | .800  | 17.78  | .700  | 015-91-1188 |             |            |            |            |  |            |  |            |  | 18   |
| 20   | 25.40  | 1.000 | 22.86  | .900  | 20.32  | .800  | 015-91-1208 | 015-91-6207 |            |            |            |  |            |  |            |  | 20   |
| 22   | 27.94  | 1.100 | 25.40  | 1.000 | 22.86  | .900  | 015-91-1228 |             |            |            |            |  |            |  |            |  | 22   |
| 24   | 30.48  | 1.200 | 27.94  | 1.100 | 25.40  | 1.000 | 015-91-1248 |             |            |            |            |  |            |  |            |  | 24   |
| 26   | 33.02  | 1.300 | 30.48  | 1.200 | 27.94  | 1.100 | 015-91-1268 |             | 71308-6126 |            |            |  |            |  |            |  | 26   |
| 28   | 35.56  | 1.400 | 33.02  | 1.300 | 30.48  | 1.200 | 015-91-1288 |             |            |            |            |  |            |  |            |  | 28   |
| 30   | 38.10  | 1.500 | 35.56  | 1.400 | 33.02  | 1.300 | 015-91-1308 |             |            |            |            |  |            |  |            |  | 30   |
| 32   | 40.64  | 1.600 | 38.10  | 1.500 | 35.56  | 1.400 | 015-91-1328 |             |            |            |            |  |            |  |            |  | 32   |
| 34   | 43.18  | 1.700 | 40.64  | 1.600 | 38.10  | 1.500 | 015-91-1348 |             |            |            |            |  |            |  |            |  | 34   |
| 36   | 45.72  | 1.800 | 43.18  | 1.700 | 40.64  | 1.600 | 015-91-1368 |             |            |            |            |  |            |  |            |  | 36   |
| 38   | 48.26  | 1.900 | 45.72  | 1.800 | 43.18  | 1.700 | 015-91-1388 |             |            |            |            |  |            |  |            |  | 38   |
| 40   | 50.80  | 2.000 | 48.26  | 1.900 | 45.72  | 1.800 | 015-91-1408 | 015-91-6407 |            |            |            |  |            |  |            |  | 40   |
| 42   | 53.34  | 2.100 | 50.80  | 2.000 | 48.26  | 1.900 | 015-91-1428 |             |            |            |            |  |            |  |            |  | 42   |
| 44   | 55.88  | 2.200 | 53.34  | 2.100 | 50.80  | 2.000 | 015-91-1448 |             |            |            |            |  |            |  |            |  | 44   |
| 46   | 58.42  | 2.300 | 55.88  | 2.200 | 53.34  | 2.100 | 015-91-1468 |             |            |            |            |  |            |  |            |  | 46   |
| 48   | 60.96  | 2.400 | 58.42  | 2.300 | 55.88  | 2.200 | 015-91-1488 |             |            |            |            |  |            |  |            |  | 48   |
| 50   | 63.50  | 2.500 | 60.96  | 2.400 | 58.42  | 2.300 | 015-91-1508 | 015-91-6507 |            |            |            |  |            |  |            |  | 50   |
| 52   | 66.04  | 2.600 | 63.50  | 2.500 | 60.96  | 2.400 | 015-91-1528 |             |            |            |            |  |            |  |            |  | 52   |
| 54   | 68.58  | 2.700 | 66.04  | 2.600 | 63.50  | 2.500 | 015-91-1548 |             |            |            |            |  |            |  |            |  | 54   |
| 56   | 71.12  | 2.800 | 68.58  | 2.700 | 66.04  | 2.600 | 015-91-1568 |             |            |            |            |  |            |  |            |  | 56   |
| 58   | 73.66  | 2.900 | 71.12  | 2.800 | 68.58  | 2.700 | 015-91-1588 |             |            |            |            |  |            |  |            |  | 58   |
| 60   | 76.20  | 3.000 | 73.66  | 2.900 | 71.12  | 2.800 | 015-91-1608 |             |            |            |            |  |            |  |            |  | 60   |
| 62   | 78.74  | 3.100 | 76.20  | 3.000 | 73.66  | 2.900 | 015-91-1628 |             |            |            |            |  |            |  |            |  | 62   |
| 64   | 81.28  | 3.200 | 78.74  | 3.100 | 76.20  | 3.000 | 015-91-1648 |             |            |            |            |  |            |  |            |  | 64   |
| 66   | 83.82  | 3.300 | 81.28  | 3.200 | 78.74  | 3.100 | 015-91-1668 |             |            |            |            |  |            |  |            |  | 66   |
| 68   | 86.36  | 3.400 | 83.82  | 3.300 | 81.28  | 3.200 | 015-91-1688 |             |            |            |            |  |            |  |            |  | 68   |
| 70   | 88.90  | 3.500 | 86.36  | 3.400 | 83.82  | 3.300 | 015-91-1708 |             |            |            |            |  |            |  |            |  | 70   |
| 72   | 91.44  | 3.600 | 88.90  | 3.500 | 86.36  | 3.400 | 015-91-1728 |             |            |            |            |  |            |  |            |  | 72   |
| 74   | 93.98  | 3.700 | 91.44  | 3.600 | 88.90  | 3.500 | 015-91-1748 |             |            |            |            |  |            |  |            |  | 74   |
| 76   | 96.52  | 3.800 | 93.98  | 3.700 | 91.44  | 3.600 | 015-91-1768 |             |            |            |            |  |            |  |            |  | 76   |
| 78   | 99.06  | 3.900 | 96.52  | 3.800 | 93.98  | 3.700 | 015-91-1788 |             |            |            |            |  |            |  |            |  | 78   |
| 80   | 101.60 | 4.000 | 99.06  | 3.900 | 96.52  | 3.800 | 015-91-1808 |             |            |            |            |  |            |  |            |  | 80   |
| 82   | 104.14 | 4.100 | 101.60 | 4.000 | 99.06  | 3.900 | 71308-6082  |             |            |            |            |  |            |  |            |  | 82   |
| 84   | 106.68 | 4.200 | 104.14 | 4.100 | 101.60 | 4.000 | 71308-6084  |             |            |            |            |  |            |  |            |  | 84   |
| 86   | 109.22 | 4.300 | 106.68 | 4.200 | 104.14 | 4.100 | 71308-6086  |             |            |            |            |  |            |  |            |  | 86   |
| 88   | 111.76 | 4.400 | 109.22 | 4.300 | 106.68 | 4.200 | 71308-6088  |             |            |            |            |  |            |  |            |  | 88   |
| 90   | 114.30 | 4.500 | 111.76 | 4.400 | 109.22 | 4.300 | 71308-6090  |             |            |            |            |  |            |  |            |  | 90   |
| 92   | 116.84 | 4.600 | 114.30 | 4.500 | 111.76 | 4.400 | 71308-6092  |             |            |            |            |  |            |  |            |  | 92   |
| 94   | 119.38 | 4.700 | 116.84 | 4.600 | 114.30 | 4.500 | 71308-6094  |             |            |            |            |  |            |  |            |  | 94   |
| 96   | 121.92 | 4.800 | 119.38 | 4.700 | 116.84 | 4.600 | 71308-6096  |             |            |            |            |  |            |  |            |  | 96   |
| 98   | 124.46 | 4.900 | 121.92 | 4.800 | 119.38 | 4.700 | 71308-6098  |             |            |            |            |  |            |  |            |  | 98   |
| 100  | 127.00 | 5.000 | 124.46 | 4.900 | 121.92 | 4.800 | 71308-6100  |             |            |            |            |  |            |  |            |  | 100  |

SHORT PEG VERSION (.055")

|   |                               |  |               |                      |             |  |                        |  |  |
|---|-------------------------------|--|---------------|----------------------|-------------|--|------------------------|--|--|
| SEE SHEET 1<br>EC NO: UCP2009-2465<br>DRW:MKIPPER 2009/08/04<br>CHKD:SSOUSEK 2009/08/07<br>APPR:FSMITH 2009/08/10<br>K3 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                |               | DIMENSION STYLE      | SCALE       | DESIGN UNITS   | THIRD ANGLE PROJECTION |  |  |
|   |                               |  |               | MM/IN                | INCH        | INCH   |                        |  |  |
|   |                               |  |               | mm                   | INCH        | DRAWN BY   | DATE                   | SALES ASSY INSULATOR<br>DUAL ROW SMT W/BREAK-OFF<br>.025SQ PIN GULLWING .100<br>MOLEX INCORPORATED |  |
|   |                               |  |               | 4 PLACES ± --- ± --- | ± --- ± --- | KMS  | 1999/10/15             |  |  |
|   |                               | 3 PLACES ± --- ± .005                                | ± --- ± .005  | CHECKED BY           | DATE        | SD-71308-001<br>SHEET NO. 5 OF 6   |                        |  |  |
|   |                               | 2 PLACES ± 0.13 ± .010                               | ± .010 ± .010 | KMS                  | 1999/10/15  |  |                        |  |  |
|   |                               | 1 PLACE ± 0.25 ± ---                                 | ± --- ± ---   | APPROVED BY          | DATE        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |  |  |
|   |                               | ANGULAR ± 1/2°                                       | ± --- ± ---   | KMS                  | 1999/10/15  |  |                        |  |  |
|   |                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |               | SEE TABLE            |             |  |                        |  |  |

PEG OPTION

NO PEG VERSION

NO PEG VERSION

LONG PEG VERSION (.130")

SHORT PEG VERSION (.055")

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

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

| CKTS | DIM. A |       | DIM. B |       | DIM. C |       | EDP NUMBER | EDP NUMBER | EDP NUMBER | EDP NUMBER | EDP NUMBER | EDP NUMBER | EDP NUMBER | EDP NUMBER | EDP NUMBER | EDP NUMBER | CKTS |
|------|--------|-------|--------|-------|--------|-------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------|
|      | MM     | IN    | MM     | IN    | MM     | IN    |            |            |            |            |            |            |            |            |            |            |      |
| 04   | 5.08   | .200  | 2.54   | .100  | ---    | ---   | 71308-5404 | 71308-5504 | N/A        |            |            |            |            | 71308-6404 | 71308-6504 | 71308-6604 | 04   |
| 06   | 7.62   | .300  | 5.08   | .200  | 2.54   | .100  | 71308-5406 | 71308-5506 | N/A        |            |            |            |            | 71308-6406 | 71308-6506 | 71308-6606 | 06   |
| 08   | 10.16  | .400  | 7.62   | .300  | 5.08   | .200  | 71308-5408 | 71308-5508 | 71308-5608 |            |            |            |            | 71308-6408 | 71308-6508 | 71308-6608 | 08   |
| 10   | 12.70  | .500  | 10.16  | .400  | 7.62   | .300  | 71308-5410 | 71308-5510 | 71308-5610 |            | 71308-5810 | 71308-5910 |            | 71308-6410 | 71308-6510 | 71308-6610 | 10   |
| 12   | 15.24  | .600  | 12.70  | .500  | 10.16  | .400  | 71308-5412 | 71308-5512 | 71308-5612 |            |            |            |            | 71308-6412 |            | 71308-6612 | 12   |
| 14   | 17.78  | .700  | 15.24  | .600  | 12.70  | .500  | 71308-5414 | 71308-5514 | 71308-5614 |            |            |            |            | 71308-6414 | 71308-6514 | 71308-6614 | 14   |
| 16   | 20.32  | .800  | 17.78  | .700  | 15.24  | .600  | 71308-5416 | 71308-5516 | 71308-5616 |            | 71308-5816 |            |            | 71308-6416 | 71308-6516 | 71308-6616 | 16   |
| 18   | 22.86  | .900  | 20.32  | .800  | 17.78  | .700  | 71308-5418 |            | 71308-5618 |            |            |            |            | 71308-6418 |            | 71308-6618 | 18   |
| 20   | 25.40  | 1.000 | 22.86  | .900  | 20.32  | .800  | 71308-5420 | 71308-5520 |            |            |            |            |            | 71308-6420 |            | 71308-6620 | 20   |
| 22   | 27.94  | 1.100 | 25.40  | 1.000 | 22.86  | .900  | 71308-5422 |            | 71308-5622 |            |            |            |            | 71308-6422 |            | 71308-6622 | 22   |
| 24   | 30.48  | 1.200 | 27.94  | 1.100 | 25.40  | 1.000 | 71308-5424 |            | 71308-5624 |            | 71308-5724 | 71308-5824 |            | 71308-6424 |            | 71308-6624 | 24   |
| 26   | 33.02  | 1.300 | 30.48  | 1.200 | 27.94  | 1.100 | 71308-5426 |            | 71308-5626 |            |            |            |            | 71308-6426 |            | 71308-6626 | 26   |
| 28   | 35.56  | 1.400 | 33.02  | 1.300 | 30.48  | 1.200 | 71308-5428 |            | 71308-5628 |            |            |            |            | 71308-6428 |            | 71308-6628 | 28   |
| 30   | 38.10  | 1.500 | 35.56  | 1.400 | 33.02  | 1.300 | 71308-5430 |            | 71308-5630 |            |            |            |            | 71308-6430 |            | 71308-6630 | 30   |
| 32   | 40.64  | 1.600 | 38.10  | 1.500 | 35.56  | 1.400 | 71308-5432 |            | 71308-5632 |            |            |            |            | 71308-6432 |            | 71308-6632 | 32   |
| 34   | 43.18  | 1.700 | 40.64  | 1.600 | 38.10  | 1.500 | 71308-5434 |            | 71308-5634 |            |            |            |            | 71308-6434 |            | 71308-6634 | 34   |
| 36   | 45.72  | 1.800 | 43.18  | 1.700 | 40.64  | 1.600 | 71308-5436 |            | 71308-5636 |            |            |            |            | 71308-6436 |            | 71308-6636 | 36   |
| 38   | 48.26  | 1.900 | 45.72  | 1.800 | 43.18  | 1.700 | 71308-5438 |            | 71308-5638 |            |            |            |            | 71308-6438 |            | 71308-6638 | 38   |
| 40   | 50.80  | 2.000 | 48.26  | 1.900 | 45.72  | 1.800 | 71308-5440 | 71308-5540 | 71308-5640 |            |            |            |            | 71308-6440 |            | 71308-6640 | 40   |
| 42   | 53.34  | 2.100 | 50.80  | 2.000 | 48.26  | 1.900 | 71308-5442 |            | 71308-5642 |            |            |            |            | 71308-6442 |            | 71308-6642 | 42   |
| 44   | 55.88  | 2.200 | 53.34  | 2.100 | 50.80  | 2.000 | 71308-5444 |            | 71308-5644 |            |            |            |            | 71308-6444 |            | 71308-6644 | 44   |
| 46   | 58.42  | 2.300 | 55.88  | 2.200 | 53.34  | 2.100 | 71308-5446 |            | 71308-5646 |            |            |            |            | 71308-6446 |            | 71308-6646 | 46   |
| 48   | 60.96  | 2.400 | 58.42  | 2.300 | 55.88  | 2.200 | 71308-5448 |            | 71308-5648 |            |            |            |            | 71308-6448 |            | 71308-6648 | 48   |
| 50   | 63.50  | 2.500 | 60.96  | 2.400 | 58.42  | 2.300 | 71308-5450 | 71308-5550 | 71308-5650 |            |            |            |            | 71308-6450 | 71308-6550 | 71308-6650 | 50   |
| 52   | 66.04  | 2.600 | 63.50  | 2.500 | 60.96  | 2.400 | 71308-5452 |            | 71308-5652 |            |            |            |            | 71308-6452 |            | 71308-6652 | 52   |
| 54   | 68.58  | 2.700 | 66.04  | 2.600 | 63.50  | 2.500 | 71308-5454 |            | 71308-5654 |            |            |            |            | 71308-6454 |            | 71308-6654 | 54   |
| 56   | 71.12  | 2.800 | 68.58  | 2.700 | 66.04  | 2.600 | 71308-5456 |            | 71308-5656 |            |            |            |            | 71308-6456 |            | 71308-6656 | 56   |
| 58   | 73.66  | 2.900 | 71.12  | 2.800 | 68.58  | 2.700 | 71308-5458 |            | 71308-5658 |            |            |            |            | 71308-6458 |            | 71308-6658 | 58   |
| 60   | 76.20  | 3.000 | 73.66  | 2.900 | 71.12  | 2.800 | 71308-5460 |            | 71308-5660 |            |            |            |            | 71308-6460 |            | 71308-6660 | 60   |
| 62   | 78.74  | 3.100 | 76.20  | 3.000 | 73.66  | 2.900 | 71308-5462 |            | 71308-5662 |            |            |            |            | 71308-6462 |            | 71308-6662 | 62   |
| 64   | 81.28  | 3.200 | 78.74  | 3.100 | 76.20  | 3.000 | 71308-5464 |            | 71308-5664 |            |            |            |            | 71308-6464 |            | 71308-6664 | 64   |
| 66   | 83.82  | 3.300 | 81.28  | 3.200 | 78.74  | 3.100 | 71308-5466 |            | 71308-5666 |            |            |            |            | 71308-6466 |            | 71308-6666 | 66   |
| 68   | 86.36  | 3.400 | 83.82  | 3.300 | 81.28  | 3.200 | 71308-5468 |            | 71308-5668 |            |            |            |            | 71308-6468 |            | 71308-6668 | 68   |
| 70   | 88.90  | 3.500 | 86.36  | 3.400 | 83.82  | 3.300 | 71308-5470 |            | 71308-5670 |            |            |            |            | 71308-6470 |            | 71308-6670 | 70   |
| 72   | 91.44  | 3.600 | 88.90  | 3.500 | 86.36  | 3.400 | 71308-5472 |            | 71308-5672 |            |            |            |            | 71308-6472 |            | 71308-6672 | 72   |
| 74   | 93.98  | 3.700 | 91.44  | 3.600 | 88.90  | 3.500 | 71308-5474 |            | 71308-5674 |            |            |            |            | 71308-6474 |            | 71308-6674 | 74   |
| 76   | 96.52  | 3.800 | 93.98  | 3.700 | 91.44  | 3.600 | 71308-5476 |            | 71308-5676 |            |            |            |            | 71308-6476 |            | 71308-6676 | 76   |
| 78   | 99.06  | 3.900 | 96.52  | 3.800 | 93.98  | 3.700 | 71308-5478 |            | 71308-5678 |            |            |            |            | 71308-6478 |            | 71308-6678 | 78   |
| 80   | 101.60 | 4.000 | 99.06  | 3.900 | 96.52  | 3.800 | 71308-5480 |            | 71308-5680 |            |            |            |            | 71308-6480 |            | 71308-6680 | 80   |
| 82   | 104.14 | 4.100 | 101.60 | 4.000 | 99.06  | 3.900 | 71308-5482 |            | 71308-5682 |            |            |            |            | 71308-6482 |            | 71308-6682 | 82   |
| 84   | 106.68 | 4.200 | 104.14 | 4.100 | 101.60 | 4.000 | 71308-5484 |            | 71308-5684 |            |            |            |            | 71308-6484 |            | 71308-6684 | 84   |
| 86   | 109.22 | 4.300 | 106.68 | 4.200 | 104.14 | 4.100 | 71308-5486 |            | 71308-5686 |            |            |            |            | 71308-6486 |            | 71308-6686 | 86   |
| 88   | 111.76 | 4.400 | 109.22 | 4.300 | 106.68 | 4.200 | 71308-5488 |            | 71308-5688 |            |            |            |            | 71308-6488 |            | 71308-6688 | 88   |
| 90   | 114.30 | 4.500 | 111.76 | 4.400 | 109.22 | 4.300 | 71308-5490 |            | 71308-5690 |            |            |            |            | 71308-6490 |            | 71308-6690 | 90   |
| 92   | 116.84 | 4.600 | 114.30 | 4.500 | 111.76 | 4.400 | 71308-5492 |            | 71308-5692 |            |            |            |            | 71308-6492 |            | 71308-6692 | 92   |
| 94   | 119.38 | 4.700 | 116.84 | 4.600 | 114.30 | 4.500 | 71308-5494 |            | 71308-5694 |            |            |            |            | 71308-6494 |            | 71308-6694 | 94   |
| 96   | 121.92 | 4.800 | 119.38 | 4.700 | 116.84 | 4.600 | 71308-5496 |            | 71308-5696 |            |            |            |            | 71308-6496 |            | 71308-6696 | 96   |
| 98   | 124.46 | 4.900 | 121.92 | 4.800 | 119.38 | 4.700 | 71308-5498 |            | 71308-5698 |            |            |            |            | 71308-6498 |            | 71308-6698 | 98   |
| 100  | 127.00 | 5.000 | 124.46 | 4.900 | 121.92 | 4.800 | 71308-5500 |            | 71308-5700 |            |            |            |            | 71308-6500 |            | 71308-6700 | 100  |

59 TIN PLATE ASSEMBLIES

|   |                               |   |                 |  |              |  |                              |                     |
|---|-------------------------------|---|-----------------|--|--------------|--|------------------------------|---------------------|
| SEE SHEET 1<br>EC NO: UCP2009-2465<br>DRAWN: KIPPER<br>CHKD: SSOUSEK<br>APPR: F.SMLTH<br>2009/08/04<br>2009/08/07<br>2009/08/10 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)   | DIMENSION STYLE | SCALE  | DESIGN UNITS | THIRD ANGLE PROJECTION   |                              |                     |
|   |                               | mm      INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .005<br>2 PLACES ± 0.13 ± .010<br>1 PLACE ± 0.25 ± ---<br>ANGULAR ± 1/2° | MM/IN           | 1:1  | INCH         | 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 |                              |                     |
|   |                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  | TITLE           | 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>6 OF 6 |
|   |                               | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION     |                 |  |              |  |                              |                     |