

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [0015912040](#)  
**Status:** **Active**  
**Description:** 2.54mm (.100") Pitch C-Grid® Header, Surface Mount, Dual Row, Vertical, 4 Circuits, Tin (Sn) Plating, without PCB Locator Pegs

**Documents:**

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

**Agency Certification**

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

**General**

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

**Physical**

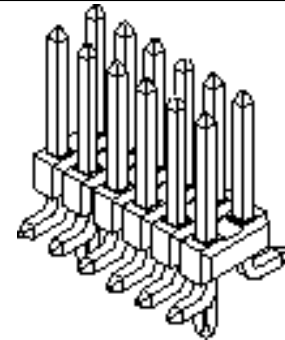
|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | Yes                            |
| Circuits (Loaded)              | 4                              |
| Circuits (maximum)             | 4                              |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 25                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Compliant            | No                             |
| Lock to Mating Part            | None                           |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| Packaging Type                 | Bag                            |
| Pitch - Mating Interface (in)  | 0.100 In                       |
| Pitch - Mating Interface (mm)  | 2.54 mm                        |
| Plating min: Mating (µin)      | 152.4                          |
| Plating min: Mating (µm)       | 3.81                           |
| Plating min: Termination (µin) | 152.4                          |
| Plating min: Termination (µm)  | 3.81                           |
| Polarized to Mating Part       | No                             |
| Polarized to PCB               | No                             |
| Shrouded                       | No                             |
| Stackable                      | Yes                            |
| Temperature Range - Operating  | -40°C to +105°C                |
| Termination Interface: Style   | Surface Mount                  |

**Electrical**

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

**Solder Process Data**

|                              |                           |
|------------------------------|---------------------------|
| Lead-free Process Capability | Reflow Capable (SMT only) |
|------------------------------|---------------------------|



Series  
image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

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

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

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

**China RoHS**



**Search Parts in this Series**

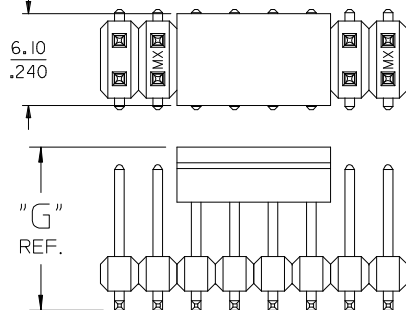
[71308Series](#)

|                                    |                         |
|------------------------------------|-------------------------|
| Process Temperature max. C         | 260                     |
| <b>Material Info</b>               |                         |
| Old Part Number                    | A713080004N             |
| <b>Reference - Drawing Numbers</b> |                         |
| Product Specification              | PS-71308, RPS-71308-001 |
| Sales Drawing                      | SD-71308-001            |

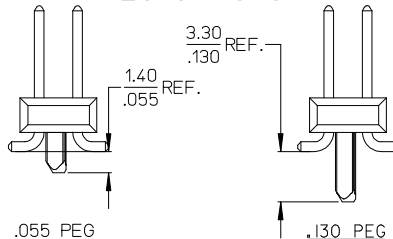
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# OPTIONAL PICK AND PLACE CAP SEE NOTES 4 & 9.



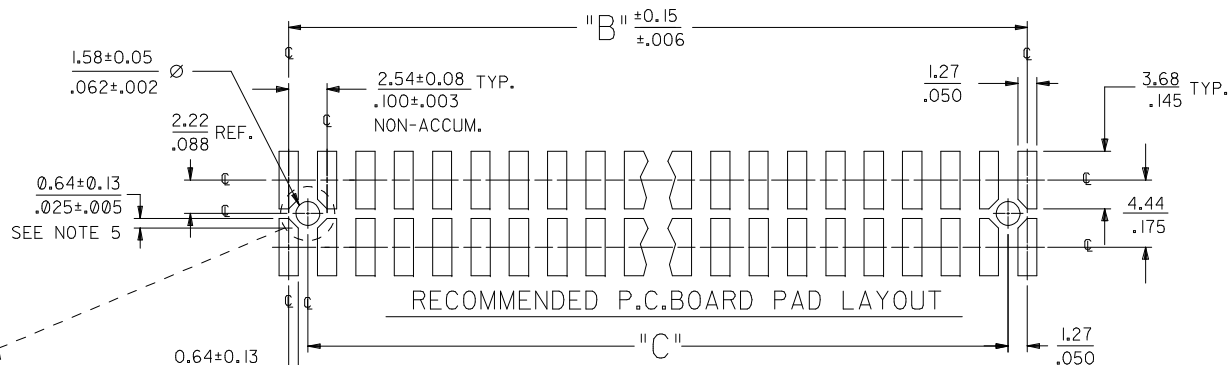
## PEG OPTIONS



### NOTES:

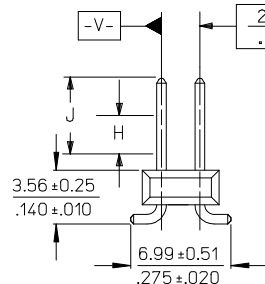
- MATERIALS: INSULATOR: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL94 V-0, COLOR: BLACK  
TERMINAL: COPPER ALLOY
- FINISH:  
59 TIN - 0.00150/.000059 MINIMUM BRIGHT TIN OVER NICKEL OVERALL.  
150 TIN - 0.00381/.000150 MINIMUM BRIGHT TIN OVER NICKEL OVERALL.  
15 GOLD - 0.00038/.000015 MINIMUM GOLD IN SELECT AREA OVER 0.00191/.000075 MINIMUM TIN IN SELECT AREA OVER NICKEL OVERALL.  
30 GOLD - 0.00076/.000030 MINIMUM GOLD IN SELECT AREA OVER 0.00191/.000075 MINIMUM TIN IN SELECT AREA OVER NICKEL OVERALL.  
50 GOLD - 0.00127/.000050 MINIMUM GOLD IN SELECT AREA OVER 0.00254/.000100 MINIMUM TIN IN SELECT AREA OVER NICKEL OVERALL.  
\* THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.
- PART TO CONFORM TO PS-71308.
- PACKAGING (SEE CHARTS):  
BULK: PER PK-70873-0353  
TUBES: PER PK-70873-0041.  
71308-82\*\* IN TUBES: PER PK-70873-042.  
TUBES W/ VAC CAPS: PER PK-70873-0691  
TAPE AND REEL W/ VAC CAPS: PER PK-70873-0805.  
SEE SHEET 3 FOR TAPE & REEL PRODUCT WITH SHALLOW POCKET REQUIREMENTS.
- TYP. DIMENSIONS FOR LANDS SURROUNDING HOLES FOR RETENTION PEGS.
- PIN SOLERABILITY PER MOLEX SPEC. ES-152.
- SEE SHEETS 2-5 FOR CHARTED DIMS., PART/EDP NO'S, AND VOIDED CIRCUITS.
- PIN PUSHOUT FORCE: 3 LBS. MINIMUM.
- PICK-N-PLACE CAPS WILL BE PLACED SO THAT VACUUM PICK UP AREA WILL BE IN CENTER OF PART.
- COPLANARITY FOR CIRCUIT SIZES UP TO 40 IS 0.15 MM/.006 INCH. FOR CIRCUIT SIZES 42 AND LARGER, CONTACT MOLEX SALES DEPARTMENT.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

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

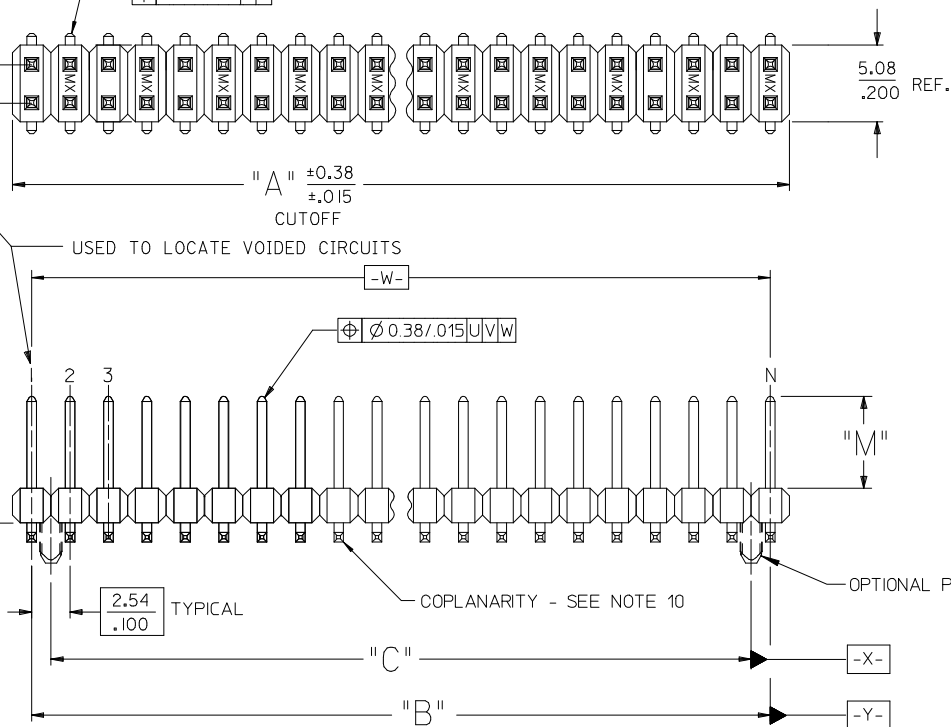


P.C. BOARD PAD LAYOUT  
AT ENDS FOR NO PEG VERSION.

ROW "A"  
ROW "B"



NO PEG  
SEE PEG OPTIONS



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

QUALITY  
SYMBOLS  
▽=0  
▽=0

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|               | mm    | INCH   |
|---------------|-------|--------|
| 4 PLACES      | ±.005 | ±.0005 |
| 3 PLACES      | ±.010 | ±.0010 |
| 2 PLACES      | ±.020 | ±.0020 |
| 1 PLACE       | ±.050 | ±.0050 |
| ANGULAR ±1/2° |       |        |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM/IN

| DRAWN BY    | DATE       |
|-------------|------------|
| KMS         | 1999/10/15 |
| CHECKED BY  | DATE       |
| KMS         | 1999/10/15 |
| APPROVED BY | DATE       |
| KMS         | 1999/10/15 |

MATERIAL NO.  
SEE TABLES

SCALE  
DESIGN UNITS  
INCH

THIRD ANGLE  
PROJECTION

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

MOLEX INCORPORATED

DOCUMENT NO.  
SD-71308-001

SHEET NO.  
1 OF 6

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

| 13                            |        | 12             |        | 11          |               | 10                         |               | 9                    |               | 8             |               | 7                          |               | 6                    |               | 5             |               | 4                          |               | 3                    |               | 2             |               | 1     |  |
|-------------------------------|--------|----------------|--------|-------------|---------------|----------------------------|---------------|----------------------|---------------|---------------|---------------|----------------------------|---------------|----------------------|---------------|---------------|---------------|----------------------------|---------------|----------------------|---------------|---------------|---------------|-------|--|
| PACKAGING<br>SEE NOTE 4 SHT 1 |        | 4-6 CKT        |        | BULK        |               | TAPE-N-REEL<br>W/ VAC CAPS |               | N/A                  |               | BULK          |               | TAPE-N-REEL<br>W/ VAC CAPS |               | N/A                  |               | BULK          |               | TAPE-N-REEL<br>W/ VAC CAPS |               | N/A                  |               | BULK          |               | BULK  |  |
|                               |        | 8-100 CKT      |        | TUBES       |               | TAPE-N-REEL<br>W/ VAC CAPS |               | TUBES<br>W/ VAC CAPS |               | TUBES         |               | TAPE-N-REEL<br>W/ VAC CAPS |               | TUBES<br>W/ VAC CAPS |               | TUBES         |               | TAPE-N-REEL<br>W/ VAC CAPS |               | TUBES<br>W/ VAC CAPS |               | TUBES         |               | TUBES |  |
|                               |        | DIM. M±0.25 MM |        |             |               | 6.10 (.240)                |               |                      |               | 6.10 (.240)   |               |                            |               | 6.10 (.240)          |               |               |               | 8.13 (.320)                |               |                      |               | 8.13 (.320)   |               |       |  |
|                               |        | PLATING        |        |             |               | 150 TIN                    |               |                      |               | 15 GOLD       |               |                            |               | 30 GOLD              |               |               |               | 15 GOLD                    |               |                      |               | 30 GOLD       |               |       |  |
|                               |        | DIM. H         |        |             |               | 2.54 (.100)                |               |                      |               | 2.54 (.100)   |               |                            |               | 2.54 (.100)          |               |               |               | 4.57 (.180)                |               |                      |               | 4.57 (.180)   |               |       |  |
| DIM. J                        |        |                |        | 5.08 (.200) |               |                            |               | 5.08 (.200)          |               |               |               | 5.08 (.200)                |               |                      |               | 7.11 (.280)   |               |                            |               | 7.11 (.280)          |               |               |               |       |  |
| CKTS                          | DIM. A |                | DIM. B |             | EDP<br>NUMBER | EDP<br>NUMBER              | EDP<br>NUMBER | EDP<br>NUMBER        | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER              | EDP<br>NUMBER | EDP<br>NUMBER        | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER              | EDP<br>NUMBER | EDP<br>NUMBER        | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER | CKTS  |  |
|                               | MM     | IN             | MM     | IN          |               |                            |               |                      |               |               |               |                            |               |                      |               |               |               |                            |               |                      |               |               |               |       |  |
| 04                            | 5.08   | .200           | 2.54   | .100        | 015-91-2040   | 015-91-6040                | N/A           | 015-91-0040          | 015-91-6042   | N/A           | 015-91-3040   | 015-91-6043                | N/A           | 015-91-0048          | 015-91-5049   | 04            |               |                            |               |                      |               |               |               |       |  |
| 06                            | 7.62   | .300           | 5.08   | .200        | 015-91-2060   | 015-91-6060                | N/A           | 015-91-0060          | 015-91-6062   | N/A           | 015-91-3060   | 015-91-6063                | N/A           | 015-91-0068          | 015-91-5069   | 06            |               |                            |               |                      |               |               |               |       |  |
| 08                            | 10.16  | .400           | 7.62   | .300        | 015-91-2080   | 015-91-6080                | 015-91-3087   | 015-91-0080          | 015-91-6082   | 015-91-3086   | 015-91-3080   | 015-91-6083                | 015-91-3088   | 015-91-0088          | 015-91-5089   | 08            |               |                            |               |                      |               |               |               |       |  |
| 10                            | 12.70  | .500           | 10.16  | .400        | 015-91-2100   | 015-91-6100                | 015-91-3107   | 015-91-0100          | 015-91-6102   | 015-91-3106   | 015-91-3100   | 015-91-6103                | 015-91-3108   | 015-91-0108          | 015-91-5109   | 10            |               |                            |               |                      |               |               |               |       |  |
| 12                            | 15.24  | .600           | 12.70  | .500        | 015-91-2120   | 015-91-6120                | 015-91-3127   | 015-91-0120          | 015-91-6122   | 015-91-3126   | 015-91-3120   | 015-91-6123                | 015-91-3128   | 015-91-0128          | 015-91-5129   | 12            |               |                            |               |                      |               |               |               |       |  |
| 14                            | 17.78  | .700           | 15.24  | .600        | 015-91-2140   | 015-91-6140                | 015-91-3147   | 015-91-0140          | 015-91-6142   | 015-91-3146   | 015-91-3140   | 015-91-6143                | 015-91-3148   | 015-91-0148          | 015-91-5149   | 14            |               |                            |               |                      |               |               |               |       |  |
| 16                            | 20.32  | .800           | 17.78  | .700        | 015-91-2160   | 015-91-6160                | 015-91-3167   | 015-91-0160          | 015-91-6162   | 015-91-3166   | 015-91-3160   | 015-91-6163                | 015-91-3168   | 015-91-0168          | 015-91-5169   | 16            |               |                            |               |                      |               |               |               |       |  |
| 18                            | 22.86  | .900           | 20.32  | .800        | 015-91-2180   |                            | 015-91-3187   | 015-91-0180          |               | 015-91-3186   | 015-91-3180   |                            | 015-91-3188   | 015-91-0188          | 015-91-5189   | 18            |               |                            |               |                      |               |               |               |       |  |
| 20                            | 25.40  | 1.000          | 22.86  | .900        | 015-91-2200   | 015-91-6200                | 015-91-3207   | 015-91-0200          | 015-91-6202   | 015-91-3206   | 015-91-3200   | 015-91-6203                | 015-91-3208   | 015-91-0208          | 015-91-5209   | 20            |               |                            |               |                      |               |               |               |       |  |
| 22                            | 27.94  | 1.100          | 25.40  | 1.000       | 015-91-2220   |                            | 015-91-3227   | 015-91-0220          |               | 015-91-3226   | 015-91-3220   |                            | 015-91-3228   | 015-91-0228          | 015-91-5229   | 22            |               |                            |               |                      |               |               |               |       |  |
| 24                            | 30.48  | 1.200          | 27.94  | 1.100       | 015-91-2240   |                            | 015-91-3247   | 015-91-0240          |               | 015-91-3246   | 015-91-3240   |                            | 015-91-3248   | 015-91-0248          | 015-91-5249   | 24            |               |                            |               |                      |               |               |               |       |  |
| 26                            | 33.02  | 1.300          | 30.48  | 1.200       | 015-91-2260   | 015-91-6260                | 015-91-3267   | 015-91-0260          | 015-91-6262   | 015-91-3266   | 015-91-3260   |                            | 015-91-3268   | 015-91-0268          | 015-91-5269   | 26            |               |                            |               |                      |               |               |               |       |  |
| 28                            | 35.56  | 1.400          | 33.02  | 1.300       | 015-91-2280   |                            | 015-91-3287   | 015-91-0280          |               | 015-91-3286   | 015-91-3280   |                            | 015-91-3288   | 015-91-0288          | 015-91-5289   | 28            |               |                            |               |                      |               |               |               |       |  |
| 30                            | 38.10  | 1.500          | 35.56  | 1.400       | 015-91-2300   |                            | 015-91-3307   | 015-91-0300          |               | 015-91-3306   | 015-91-3300   |                            | 015-91-3308   | 015-91-0308          | 015-91-5309   | 30            |               |                            |               |                      |               |               |               |       |  |
| 32                            | 40.64  | 1.600          | 38.10  | 1.500       | 015-91-2320   |                            | 015-91-3327   | 015-91-0320          |               | 015-91-3326   | 015-91-3320   |                            | 015-91-3328   | 015-91-0328          | 015-91-5329   | 32            |               |                            |               |                      |               |               |               |       |  |
| 34                            | 43.18  | 1.700          | 40.64  | 1.600       | 015-91-2340   |                            | 015-91-3347   | 015-91-0340          |               | 015-91-3346   | 015-91-3340   |                            | 015-91-3348   | 015-91-0348          | 015-91-5349   | 34            |               |                            |               |                      |               |               |               |       |  |
| 36                            | 45.72  | 1.800          | 43.18  | 1.700       | 015-91-2360   |                            | 015-91-3367   | 015-91-0360          |               | 015-91-3366   | 015-91-3360   |                            | 015-91-3368   | 015-91-0368          | 015-91-5369   | 36            |               |                            |               |                      |               |               |               |       |  |
| 38                            | 48.26  | 1.900          | 45.72  | 1.800       | 015-91-2380   |                            | 015-91-3387   | 015-91-0380          |               | 015-91-3386   | 015-91-3380   |                            | 015-91-3388   | 015-91-0388          | 015-91-5389   | 38            |               |                            |               |                      |               |               |               |       |  |
| 40                            | 50.80  | 2.000          | 48.26  | 1.900       | 015-91-2400   | 015-91-6400                | 015-91-3407   | 015-91-0400          | 015-91-6402   | 015-91-3406   | 015-91-3400   | 015-91-6403                | 015-91-3408   | 015-91-0408          | 015-91-5409   | 40            |               |                            |               |                      |               |               |               |       |  |
| 42                            | 53.34  | 2.100          | 50.80  | 2.000       | 015-91-2420   |                            | 015-91-3427   | 015-91-0420          |               | 015-91-3426   | 015-91-3420   |                            | 015-91-3428   | 015-91-0428          | 015-91-5429   | 42            |               |                            |               |                      |               |               |               |       |  |
| 44                            | 55.88  | 2.200          | 53.34  | 2.100       | 015-91-2440   |                            | 015-91-3447   | 015-91-0440          |               | 015-91-3446   | 015-91-3440   |                            | 015-91-3448   | 015-91-0448          | 015-91-5449   | 44            |               |                            |               |                      |               |               |               |       |  |
| 46                            | 58.42  | 2.300          | 55.88  | 2.200       | 015-91-2460   |                            | 015-91-3467   | 015-91-0460          |               | 015-91-3466   | 015-91-3460   |                            | 015-91-3468   | 015-91-0468          | 015-91-5469   | 46            |               |                            |               |                      |               |               |               |       |  |
| 48                            | 60.96  | 2.400          | 58.42  | 2.300       | 015-91-2480   |                            | 015-91-3487   | 015-91-0480          |               | 015-91-3486   | 015-91-3480   |                            | 015-91-3488   | 015-91-0488          | 015-91-5489   | 48            |               |                            |               |                      |               |               |               |       |  |
| 50                            | 63.50  | 2.500          | 60.96  | 2.400       | 015-91-2500   | 015-91-6500                | 015-91-3507   | 015-91-0500          | 015-91-6502   | 015-91-3506   | 015-91-3500   | 015-91-6503                | 015-91-3508   | 015-91-0508          | 015-91-5509   | 50            |               |                            |               |                      |               |               |               |       |  |
| 52                            | 66.04  | 2.600          | 63.50  | 2.500       | 015-91-2520   |                            | 015-91-3527   | 015-91-0520          |               | 015-91-3526   | 015-91-3520   |                            | 015-91-3528   | 015-91-0528          | 015-91-5529   | 52            |               |                            |               |                      |               |               |               |       |  |
| 54                            | 68.58  | 2.700          | 66.04  | 2.600       | 015-91-2540   |                            | 015-91-3547   | 015-91-0540          |               | 015-91-3546   | 015-91-3540   |                            | 015-91-3548   | 015-91-0548          | 015-91-5549   | 54            |               |                            |               |                      |               |               |               |       |  |
| 56                            | 71.12  | 2.800          | 68.58  | 2.700       | 015-91-2560   |                            | 015-91-3567   | 015-91-0560          |               | 015-91-3566   | 015-91-3560   |                            | 015-91-3568   | 015-91-0568          | 015-91-5569   | 56            |               |                            |               |                      |               |               |               |       |  |
| 58                            | 73.66  | 2.900          | 71.12  | 2.800       | 015-91-2580   |                            | 015-91-3587   | 015-91-0580          |               | 015-91-3586   | 015-91-3580   |                            | 015-91-3588   | 015-91-0588          | 015-91-5589   | 58            |               |                            |               |                      |               |               |               |       |  |
| 60                            | 76.20  | 3.000          | 73.66  | 2.900       | 015-91-2600   |                            | 015-91-3607   | 015-91-0600          |               | 015-91-3606   | 015-91-3600   |                            | 015-91-3608   | 015-91-0608          | 015-91-5609   | 60            |               |                            |               |                      |               |               |               |       |  |
| 62                            | 78.74  | 3.100          | 76.20  | 3.000       | 015-91-2620   |                            | 015-91-3627   | 015-91-0620          |               | 015-91-3626   | 015-91-3620   |                            | 015-91-3628   | 015-91-0628          | 015-91-5629   | 62            |               |                            |               |                      |               |               |               |       |  |
| 64                            | 81.28  | 3.200          | 78.74  | 3.100       | 015-91-2640   |                            | 015-91-3647   | 015-91-0640          |               | 015-91-3646   | 015-91-3640   |                            | 015-91-3648   | 015-91-0648          | 015-91-5649   | 64            |               |                            |               |                      |               |               |               |       |  |
| 66                            | 83.82  | 3.300          | 81.28  | 3.200       | 015-91-2660   |                            | 015-91-3667   | 015-91-0660          |               | 015-91-3666   | 015-91-3660   |                            | 015-91-3668   | 015-91-0668          | 015-91-5669   | 66            |               |                            |               |                      |               |               |               |       |  |
| 68                            | 86.36  | 3.400          | 83.82  | 3.300       | 015-91-2680   |                            | 015-91-3687   | 015-91-0680          |               | 015-91-3686   | 015-91-3680   |                            | 015-91-3688   | 015-91-0688          | 015-91-5689   | 68            |               |                            |               |                      |               |               |               |       |  |
| 70                            | 88.90  | 3.500          | 86.36  | 3.400       | 015-91-2700   |                            | 015-91-3707   | 015-91-0700          |               | 015-91-3706   | 015-91-3700   |                            | 015-91-3708   | 015-91-0708          | 015-91-5709   | 70            |               |                            |               |                      |               |               |               |       |  |
| 72                            | 91.44  | 3.600          | 88.90  | 3.500       | 015-91-2720   |                            | 015-91-3727   | 015-91-0720          |               | 015-91-3726   | 015-91-3720   |                            | 015-91-3728   | 015-91-0728          | 015-91-5729   | 72            |               |                            |               |                      |               |               |               |       |  |
| 74                            | 93.98  | 3.700          | 91.44  | 3.600       | 015-91-2740   |                            | 015-91-3747   | 015-91-0740          |               | 015-91-3746   | 015-91-3740   |                            | 015-91-3748   | 015-91-0748          | 015-91-5749   | 74            |               |                            |               |                      |               |               |               |       |  |
| 76                            | 96.52  | 3.800          | 93.98  | 3.700       | 015-91-2760   |                            | 015-91-3767   | 015-91-0760          |               | 015-91-3766   | 015-91-3760   |                            | 015-91-3768   | 015-91-0768          | 015-91-5769   | 76            |               |                            |               |                      |               |               |               |       |  |
| 78                            | 99.06  | 3.900          | 96.52  | 3.800       | 015-91-2780   |                            | 015-91-3787   | 015-91-0780          |               | 015-91-3786   | 015-91-3780   |                            | 015-91-3788   | 015-91-0788          | 015-91-5789   | 78            |               |                            |               |                      |               |               |               |       |  |
| 80                            | 101.60 | 4.000          | 99.06  | 3.900       | 015-91-2800   |                            | 015-91-3807   | 015-91-0800          |               | 015-91-3806   | 015-91-3800   |                            | 015-91-3808   | 015-91-0808          | 015-91-5809   | 80            |               |                            |               |                      |               |               |               |       |  |
| 82                            | 104.14 | 4.100          | 101.60 | 4.000       | 71308-0082    |                            | 71308-0482    | 71308-0182           |               | 71308-0582    | 71308-0282    |                            | 71308-0682    | 71308-1182           | 71308-1282    | 82            |               |                            |               |                      |               |               |               |       |  |
| 84                            | 106.68 | 4.200          | 104.14 | 4.100       | 71308-0084    |                            | 71308-0484    | 71308-0184           |               | 71308-0584    | 71308-0284    |                            | 71308-0684    | 71308-1184           | 71308-1284    | 84            |               |                            |               |                      |               |               |               |       |  |
| 86                            | 109.22 | 4.300          | 106.68 | 4.200       | 71308-0086    |                            | 71308-0486    | 71308-0186           |               | 71308-0586    | 71308-0286    |                            | 71308-0686    | 71308-1186           | 71308-1286    | 86            |               |                            |               |                      |               |               |               |       |  |
| 88                            | 111.76 | 4.400          | 109.22 | 4.300       | 71308-0088    |                            | 71308-0488    | 71308-0188           |               | 71308-0588    | 71308-0288    |                            | 71308-0688    | 71308-1188           | 71308-1288    | 88            |               |                            |               |                      |               |               |               |       |  |
| 90                            | 114.30 | 4.500          | 111.76 | 4.400       | 71308-0090    |                            | 71308-0490    | 71308-0190           |               | 71308-0590    | 71308-0290    |                            | 71308-0690    | 71308-1190           | 71308-1290    | 90            |               |                            |               |                      |               |               |               |       |  |
| 92                            | 116.84 | 4.600          | 114.30 | 4.500       | 71308-0092    |                            | 71308-0492    | 71308-0192           |               | 71308-0592    | 71308-0292    |                            | 71308-0692    | 71308-1192           | 71308-1292    | 92            |               |                            |               |                      |               |               |               |       |  |
| 94                            | 119.38 | 4.700          | 116.84 | 4.600       | 71308-0094    |                            | 71308-0494    | 71308-0194           |               | 71308-0594    | 71308-0294    |                            | 71308-0694    | 71308-1194           | 71308-1294    | 94            |               |                            |               |                      |               |               |               |       |  |
| 96                            | 121.92 | 4.800          | 119.38 | 4.700       | 71308-0096    |                            | 71308-0496    | 71308-0196           |               | 71308-0596    | 71308-0296    |                            | 71308-0696    | 71308-1196           | 71308-1296    | 96            |               |                            |               |                      |               |               |               |       |  |
| 98                            | 124.46 | 4.900          | 121.92 | 4.800       | 71308-0098    |                            | 71308-0498    | 71308-0198           |               | 71308-0598    | 71308-0298    |                            | 71308-0698    | 71308-1198           | 71308-1298    | 98            |               |                            |               |                      |               |               |               |       |  |
| 100                           | 127.00 | 5.000          | 124.46 | 4.900       | 71308-0101    |                            | 71308-0500    | 71308-0200           |               | 71308-0600    | 71308-0300    |                            | 71308-0700    |                      | 71308-1300    | 100           |               |                            |               |                      |               |               |               |       |  |

| 13                                     |  | 12                                                         |        | 11          |        |                            |             | 10                         |             | 9 |  | 8                                                                                                                 |        | 7                                                                                                                                |  | 6                                     |  | 5                        |           | 4                                                                                     |            | 3                            |     | 2                      |  | 1 |  |
|----------------------------------------|--|------------------------------------------------------------|--------|-------------|--------|----------------------------|-------------|----------------------------|-------------|---|--|-------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------|--|--------------------------|-----------|---------------------------------------------------------------------------------------|------------|------------------------------|-----|------------------------|--|---|--|
| J                                      |  | IN TAPE AND REEL WITH SHALLOW POCKET TAPE                  |        |             |        |                            |             |                            |             |   |  | BULK / IN TUBES                                                                                                   |        |                                                                                                                                  |  |                                       |  |                          |           |                                                                                       |            | J                            |     |                        |  |   |  |
|                                        |  | 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)              |           |                                                                                       |            |                              |     |                        |  |   |  |
| I                                      |  | DIM. A                                                     |        | DIM. B      |        | EDP                        |             | EDP                        |             |   |  |                                                                                                                   |        |                                                                                                                                  |  |                                       |  | EDP                      |           | EDP                                                                                   |            | I                            |     |                        |  |   |  |
|                                        |  | MM                                                         | IN     | MM          | IN     | NUMBER                     | NUMBER      |                            |             |   |  | NUMBER                                                                                                            | NUMBER | CKTS                                                                                                                             |  |                                       |  |                          |           |                                                                                       |            |                              |     |                        |  |   |  |
|                                        |  | 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  |                        |  |   |  |
| H                                      |  | 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  |                        |  |   |  |
| G                                      |  | 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  |                        |  |   |  |
| F                                      |  | 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  |                        |  |   |  |
| E                                      |  | 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  |                        |  |   |  |
| D                                      |  | 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  |                        |  |   |  |
| C                                      |  | 90                                                         | 114.30 | 4.500       | 111.76 | 4.400                      |             |                            |             |   |  |                                                                                                                   |        |                                                                                                                                  |  |                                       |  |                          |           |                                                                                       |            |                              | 90  |                        |  |   |  |
|                                        |  | 92                                                         | 116.84 | 4.600       | 114.30 | 4.500                      |             |                            |             |   |  |                                                                                                                   |        |                                                                                                                                  |  |                                       |  |                          |           |                                                                                       |            |                              | 92  |                        |  |   |  |
|                                        |  | 94                                                         | 119.38 | 4.700       | 116.84 | 4.600                      |             |                            |             |   |  |                                                                                                                   |        |                                                                                                                                  |  |                                       |  |                          |           |                                                                                       |            |                              | 94  |                        |  |   |  |
|                                        |  | 96                                                         | 121.92 | 4.800       | 119.38 | 4.700                      |             |                            |             |   |  |                                                                                                                   |        |                                                                                                                                  |  |                                       |  |                          |           |                                                                                       |            |                              | 96  |                        |  |   |  |
|                                        |  | 98                                                         | 124.46 | 4.900       | 121.92 | 4.800                      |             |                            |             |   |  |                                                                                                                   |        |                                                                                                                                  |  |                                       |  |                          |           |                                                                                       |            |                              | 98  |                        |  |   |  |
|                                        |  | 100                                                        | 127.00 | 5.000       | 124.46 | 4.900                      |             |                            |             |   |  |                                                                                                                   |        |                                                                                                                                  |  |                                       |  |                          |           |                                                                                       |            |                              | 100 |                        |  |   |  |
| B                                      |  | NO PEG VERSION<br>(ALSO SEE SHEET 2)                       |        |             |        |                            |             |                            |             |   |  | SEE SHEET 1<br>EC NO: UCP2009-2465<br>DRWN:KIPPER 2009/08/04<br>CHKD:SSOUSEK 2009/08/07<br>APPR:FSMITH 2009/08/10 |        | QUALITY SYMBOLS<br>▽=0<br>▽=0                                                                                                    |  | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE<br>MM/IN |           | SCALE                                                                                 |            | DESIGN UNITS<br>INCH         |     | THIRD ANGLE PROJECTION |  |   |  |
|                                        |  |                                                            |        |             |        |                            |             |                            |             |   |  |                                                                                                                   |        |                                                                                                                                  |  | DRAWN BY<br>KMS                       |  | DATE<br>1999/10/15       |           | TITLE<br>SALES ASSY INSULATOR<br>DUAL ROW SMT W/BREAK-OFF<br>.025SQ PIN GULLWING .100 |            | DOCUMENT NO.<br>SD-71308-001 |     | SHEET NO.<br>3 OF 6    |  |   |  |
| A                                      |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |             |        |                            |             |                            |             |   |  | SIZE<br>C                                                                                                         |        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                       |  |                          |           |                                                                                       |            |                              |     |                        |  |   |  |
|                                        |  |                                                            |        |             |        |                            |             |                            |             |   |  |                                                                                                                   |        |                                                                                                                                  |  |                                       |  |                          |           |                                                                                       |            |                              |     |                        |  |   |  |
| 1b_frame_C_P_AM_T<br>Rev. E 2006/04/15 |  | 12                                                         |        | 11          |        | 10                         |             | 9                          |             | 8 |  | 7                                                                                                                 |        | 6                                                                                                                                |  | 5                                     |  | 4                        |           | 3                                                                                     |            | 2                            |     | 1                      |  |   |  |

| 13     |        | 12                            |        | 11          |        | 10          |               | 9             |               | 8                          |               | 7             |               | 6                          |               | 5             |               | 4                          |               | 3             |               | 2             |               | 1     |  |  |  |
|--------|--------|-------------------------------|--------|-------------|--------|-------------|---------------|---------------|---------------|----------------------------|---------------|---------------|---------------|----------------------------|---------------|---------------|---------------|----------------------------|---------------|---------------|---------------|---------------|---------------|-------|--|--|--|
|        |        | PACKAGING<br>SEE NOTE 4 SHT 1 |        |             |        | 4-8 CKT     |               | BULK          |               | TAPE-N-REEL<br>W/ VAC CAPS |               | BULK          |               | TAPE-N-REEL<br>W/ VAC CAPS |               | BULK          |               | TAPE-N-REEL<br>W/ VAC CAPS |               | BULK          |               | BULK          |               | BULK  |  |  |  |
|        |        |                               |        |             |        | 10-100 CKT  |               | TUBES         |               | TAPE-N-REEL<br>W/ VAC CAPS |               | TUBES         |               | TAPE-N-REEL<br>W/ VAC CAPS |               | TUBES         |               | TAPE-N-REEL<br>W/ VAC CAPS |               | TUBES         |               | TUBES         |               | TUBES |  |  |  |
|        |        | DIM. M±0.25 MM                |        |             |        | 6.10 (.240) |               |               |               | 6.10 (.240)                |               |               |               | 6.10 (.240)                |               |               |               | 8.13 (.320)                |               | 8.13 (.320)   |               | 8.13 (.320)   |               |       |  |  |  |
|        |        | PLATING                       |        |             |        | 150 TIN     |               |               |               | 15 GOLD                    |               |               |               | 30 GOLD                    |               |               |               | 150 TIN                    |               | 15 GOLD       |               | 30 GOLD       |               |       |  |  |  |
|        |        | DIM. H                        |        |             |        | 2.54 (.100) |               |               |               | 2.54 (.100)                |               |               |               | 2.54 (.100)                |               |               |               | 4.57 (.180)                |               | 4.57 (.180)   |               | 4.57 (.180)   |               |       |  |  |  |
| DIM. J |        |                               |        | 5.08 (.200) |        |             |               | 5.08 (.200)   |               |                            |               | 5.08 (.200)   |               |                            |               | 7.11 (.280)   |               | 7.11 (.280)                |               | 7.11 (.280)   |               |               |               |       |  |  |  |
| CKTS   | DIM. A |                               | DIM. B |             | DIM. C |             | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER              | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER              | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER              | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER | CKTS  |  |  |  |
|        | MM     | IN                            | MM     | IN          | MM     | IN          |               |               |               |                            |               |               |               |                            |               |               |               |                            |               |               |               |               |               |       |  |  |  |
| 04     | 5.08   | .200                          | 2.54   | .100        | ----   | ----        | 015-91-1041   | 015-91-6044   | 015-91-1042   | 015-91-6045                | 015-91-1043   | 015-91-6046   | 015-91-1044   | 015-91-0047                | 015-91-1040   |               | 04            |                            |               |               |               |               |               |       |  |  |  |
| 06     | 7.62   | .300                          | 5.08   | .200        | 2.54   | .100        | 015-91-1061   | 015-91-6064   | 015-91-1062   | 015-91-6065                | 015-91-1063   | 015-91-6066   | 015-91-1064   | 015-91-0067                | 015-91-1060   |               | 06            |                            |               |               |               |               |               |       |  |  |  |
| 08     | 10.16  | .400                          | 7.62   | .300        | 5.08   | .200        | 015-91-1081   | 015-91-6084   | 015-91-1082   | 015-91-6085                | 015-91-1083   | 015-91-6086   | 015-91-1084   | 015-91-0087                | 015-91-1080   |               | 08            |                            |               |               |               |               |               |       |  |  |  |
| 10     | 12.70  | .500                          | 10.16  | .400        | 7.62   | .300        | 015-91-1101   | 015-91-6104   | 015-91-1102   | 015-91-6105                | 015-91-1103   | 015-91-6106   | 015-91-1104   | 015-91-0107                | 015-91-1100   |               | 10            |                            |               |               |               |               |               |       |  |  |  |
| 12     | 15.24  | .600                          | 12.70  | .500        | 10.16  | .400        | 015-91-1121   |               | 015-91-1122   |                            | 015-91-1123   |               | 015-91-1124   | 015-91-0127                | 015-91-1120   |               | 12            |                            |               |               |               |               |               |       |  |  |  |
| 14     | 17.78  | .700                          | 15.24  | .600        | 12.70  | .500        | 015-91-1141   | 015-91-6144   | 015-91-1142   | 015-91-6145                | 015-91-1143   | 015-91-6146   | 015-91-1144   | 015-91-0147                | 015-91-1140   |               | 14            |                            |               |               |               |               |               |       |  |  |  |
| 16     | 20.32  | .800                          | 17.78  | .700        | 15.24  | .600        | 015-91-1161   | 015-91-6164   | 015-91-1162   | 015-91-6165                | 015-91-1163   | 015-91-6166   | 015-91-1164   | 015-91-0167                | 015-91-1160   |               | 16            |                            |               |               |               |               |               |       |  |  |  |
| 18     | 22.86  | .900                          | 20.32  | .800        | 17.78  | .700        | 015-91-1181   |               | 015-91-1182   |                            | 015-91-1183   |               | 015-91-1184   | 015-91-0187                | 015-91-1180   |               | 18            |                            |               |               |               |               |               |       |  |  |  |
| 20     | 25.40  | 1.000                         | 22.86  | .900        | 20.32  | .800        | 015-91-1201   |               | 015-91-1202   |                            | 015-91-1203   |               | 015-91-1204   | 015-91-0207                | 015-91-1200   |               | 20            |                            |               |               |               |               |               |       |  |  |  |
| 22     | 27.94  | 1.100                         | 25.40  | 1.000       | 22.86  | .900        | 015-91-1221   |               | 015-91-1222   |                            | 015-91-1223   |               | 015-91-1224   | 015-91-0227                | 015-91-1220   |               | 22            |                            |               |               |               |               |               |       |  |  |  |
| 24     | 30.48  | 1.200                         | 27.94  | 1.100       | 25.40  | 1.000       | 015-91-1241   |               | 015-91-1242   |                            | 015-91-1243   |               | 015-91-1244   | 015-91-0247                | 015-91-1240   |               | 24            |                            |               |               |               |               |               |       |  |  |  |
| 26     | 33.02  | 1.300                         | 30.48  | 1.200       | 27.94  | 1.100       | 015-91-1261   |               | 015-91-1262   |                            | 015-91-1263   |               | 015-91-1264   | 015-91-0267                | 015-91-1260   |               | 26            |                            |               |               |               |               |               |       |  |  |  |
| 28     | 35.56  | 1.400                         | 33.02  | 1.300       | 30.48  | 1.200       | 015-91-1281   |               | 015-91-1282   |                            | 015-91-1283   |               | 015-91-1284   | 015-91-0287                | 015-91-1280   |               | 28            |                            |               |               |               |               |               |       |  |  |  |
| 30     | 38.10  | 1.500                         | 35.56  | 1.400       | 33.02  | 1.300       | 015-91-1301   |               | 015-91-1302   |                            | 015-91-1303   |               | 015-91-1304   | 015-91-0307                | 015-91-1300   |               | 30            |                            |               |               |               |               |               |       |  |  |  |
| 32     | 40.64  | 1.600                         | 38.10  | 1.500       | 35.56  | 1.400       | 015-91-1321   |               | 015-91-1322   |                            | 015-91-1323   |               | 015-91-1324   | 015-91-0327                | 015-91-1320   |               | 32            |                            |               |               |               |               |               |       |  |  |  |
| 34     | 43.18  | 1.700                         | 40.64  | 1.600       | 38.10  | 1.500       | 015-91-1341   |               | 015-91-1342   |                            | 015-91-1343   |               | 015-91-1344   | 015-91-0347                | 015-91-1340   |               | 34            |                            |               |               |               |               |               |       |  |  |  |
| 36     | 45.72  | 1.800                         | 43.18  | 1.700       | 40.64  | 1.600       | 015-91-1361   |               | 015-91-1362   |                            | 015-91-1363   |               | 015-91-1364   | 015-91-0367                | 015-91-1360   |               | 36            |                            |               |               |               |               |               |       |  |  |  |
| 38     | 48.26  | 1.900                         | 45.72  | 1.800       | 43.18  | 1.700       | 015-91-1381   |               | 015-91-1382   |                            | 015-91-1383   |               | 015-91-1384   | 015-91-0387                | 015-91-1380   |               | 38            |                            |               |               |               |               |               |       |  |  |  |
| 40     | 50.80  | 2.000                         | 48.26  | 1.900       | 45.72  | 1.800       | 015-91-1401   |               | 015-91-1402   |                            | 015-91-1403   |               | 015-91-1404   | 015-91-0407                | 015-91-1400   |               | 40            |                            |               |               |               |               |               |       |  |  |  |
| 42     | 53.34  | 2.100                         | 50.80  | 2.000       | 48.26  | 1.900       | 015-91-1421   |               | 015-91-1422   |                            | 015-91-1423   |               | 015-91-1424   | 015-91-0427                | 015-91-1420   |               | 42            |                            |               |               |               |               |               |       |  |  |  |
| 44     | 55.88  | 2.200                         | 53.34  | 2.100       | 50.80  | 2.000       | 015-91-1441   |               | 015-91-1442   |                            | 015-91-1443   |               | 015-91-1444   | 015-91-0447                | 015-91-1440   |               | 44            |                            |               |               |               |               |               |       |  |  |  |
| 46     | 58.42  | 2.300                         | 55.88  | 2.200       | 53.34  | 2.100       | 015-91-1461   |               | 015-91-1462   |                            | 015-91-1463   |               | 015-91-1464   | 015-91-0467                | 015-91-1460   |               | 46            |                            |               |               |               |               |               |       |  |  |  |
| 48     | 60.96  | 2.400                         | 58.42  | 2.300       | 55.88  | 2.200       | 015-91-1481   |               | 015-91-1482   |                            | 015-91-1483   |               | 015-91-1484   | 015-91-0487                | 015-91-1480   |               | 48            |                            |               |               |               |               |               |       |  |  |  |
| 50     | 63.50  | 2.500                         | 60.96  | 2.400       | 58.42  | 2.300       | 015-91-1501   | 015-91-6504   | 015-91-1502   | 015-91-6505                | 015-91-1503   | 015-91-6506   | 015-91-1504   | 015-91-0507                | 015-91-1500   |               | 50            |                            |               |               |               |               |               |       |  |  |  |
| 52     | 66.04  | 2.600                         | 63.50  | 2.500       | 60.96  | 2.400       | 015-91-1521   |               | 015-91-1522   |                            | 015-91-1523   | 71308-5203    | 015-91-1524   | 015-91-0527                | 015-91-1520   |               | 52            |                            |               |               |               |               |               |       |  |  |  |
| 54     | 68.58  | 2.700                         | 66.04  | 2.600       | 63.50  | 2.500       | 015-91-1541   |               | 015-91-1542   |                            | 015-91-1543   |               | 015-91-1544   | 015-91-0547                | 015-91-1540   |               | 54            |                            |               |               |               |               |               |       |  |  |  |
| 56     | 71.12  | 2.800                         | 68.58  | 2.700       | 66.04  | 2.600       | 015-91-1561   |               | 015-91-1562   |                            | 015-91-1563   |               | 015-91-1564   | 015-91-0567                | 015-91-1560   |               | 56            |                            |               |               |               |               |               |       |  |  |  |
| 58     | 73.66  | 2.900                         | 71.12  | 2.800       | 68.58  | 2.700       | 015-91-1581   |               | 015-91-1582   |                            | 015-91-1583   |               | 015-91-1584   | 015-91-0587                | 015-91-1580   |               | 58            |                            |               |               |               |               |               |       |  |  |  |
| 60     | 76.20  | 3.000                         | 73.66  | 2.900       | 71.12  | 2.800       | 015-91-1601   |               | 015-91-1602   |                            | 015-91-1603   |               | 015-91-1604   | 015-91-0607                | 015-91-1600   |               | 60            |                            |               |               |               |               |               |       |  |  |  |
| 62     | 78.74  | 3.100                         | 76.20  | 3.000       | 73.66  | 2.900       | 015-91-1621   |               | 015-91-1622   |                            | 015-91-1623   |               | 015-91-1624   | 015-91-0627                | 015-91-1620   |               | 62            |                            |               |               |               |               |               |       |  |  |  |
| 64     | 81.28  | 3.200                         | 78.74  | 3.100       | 76.20  | 3.000       | 015-91-1641   |               | 015-91-1642   |                            | 015-91-1643   |               | 015-91-1644   | 015-91-0647                | 015-91-1640   |               | 64            |                            |               |               |               |               |               |       |  |  |  |
| 66     | 83.82  | 3.300                         | 81.28  | 3.200       | 78.74  | 3.100       | 015-91-1661   |               | 015-91-1662   |                            | 015-91-1663   |               | 015-91-1664   | 015-91-0667                | 015-91-1660   |               | 66            |                            |               |               |               |               |               |       |  |  |  |
| 68     | 86.36  | 3.400                         | 83.82  | 3.300       | 81.28  | 3.200       | 015-91-1681   |               | 015-91-1682   |                            | 015-91-1683   |               | 015-91-1684   | 015-91-0687                | 015-91-1680   |               | 68            |                            |               |               |               |               |               |       |  |  |  |
| 70     | 88.90  | 3.500                         | 86.36  | 3.400       | 83.82  | 3.300       | 015-91-1701   |               | 015-91-1702   |                            | 015-91-1703   |               | 015-91-1704   | 015-91-0707                | 015-91-1700   |               | 70            |                            |               |               |               |               |               |       |  |  |  |
| 72     | 91.44  | 3.600                         | 88.90  | 3.500       | 86.36  | 3.400       | 015-91-1721   |               | 015-91-1722   |                            | 015-91-1723   |               | 015-91-1724   | 015-91-0727                | 015-91-1720   |               | 72            |                            |               |               |               |               |               |       |  |  |  |
| 74     | 93.98  | 3.700                         | 91.44  | 3.600       | 88.90  | 3.500       | 015-91-1741   |               | 015-91-1742   |                            | 015-91-1743   |               | 015-91-1744   | 015-91-0747                | 015-91-1740   |               | 74            |                            |               |               |               |               |               |       |  |  |  |
| 76     | 96.52  | 3.800                         | 93.98  | 3.700       | 91.44  | 3.600       | 015-91-1761   |               | 015-91-1762   |                            | 015-91-1763   |               | 015-91-1764   | 015-91-0767                | 015-91-1760   |               | 76            |                            |               |               |               |               |               |       |  |  |  |
| 78     | 99.06  | 3.900                         | 96.52  | 3.800       | 93.98  | 3.700       | 015-91-1781   |               | 015-91-1782   |                            | 015-91-1783   |               | 015-91-1784   | 015-91-0787                | 015-91-1780   |               | 78            |                            |               |               |               |               |               |       |  |  |  |
| 80     | 101.60 | 4.000                         | 99.06  | 3.900       | 96.52  | 3.800       | 015-91-1801   |               | 015-91-1802   |                            | 015-91-1803   |               | 015-91-1804   | 015-91-0807                | 015-91-1800   |               | 80            |                            |               |               |               |               |               |       |  |  |  |
| 82     | 104.14 | 4.100                         | 101.60 | 4.000       | 99.06  | 3.900       | 71308-4082    |               | 71308-4182    |                            | 71308-4282    |               | 71308-5082    | 71308-5182                 | 71308-5282    |               | 82            |                            |               |               |               |               |               |       |  |  |  |
| 84     | 106.68 | 4.200                         | 104.14 | 4.100       | 101.60 | 4.000       | 71308-4084    |               | 71308-4184    |                            | 71308-4284    |               | 71308-5084    | 71308-5184                 | 71308-5284    |               | 84            |                            |               |               |               |               |               |       |  |  |  |
| 86     | 109.22 | 4.300                         | 106.68 | 4.200       | 104.14 | 4.100       | 71308-4086    |               | 71308-4186    |                            | 71308-4286    |               | 71308-5086    | 71308-5186                 | 71308-5286    |               | 86            |                            |               |               |               |               |               |       |  |  |  |
| 88     | 111.76 | 4.400                         | 109.22 | 4.300       | 106.68 | 4.200       | 71308-4088    |               | 71308-4188    |                            | 71308-4288    |               | 71308-5088    | 71308-5188                 | 71308-5288    |               | 88            |                            |               |               |               |               |               |       |  |  |  |
| 90     | 114.30 | 4.500                         | 111.76 | 4.400       | 109.22 | 4.300       | 71308-4090    |               | 71308-4190    |                            | 71308-4290    |               | 71308-5090    | 71308-5190                 | 71308-5290    |               | 90            |                            |               |               |               |               |               |       |  |  |  |
| 92     | 116.84 | 4.600                         | 114.30 | 4.500       | 111.76 | 4.400       | 71308-4092    |               | 71308-4192    |                            | 71308-4292    |               | 71308-5092    | 71308-5192                 | 71308-5292    |               | 92            |                            |               |               |               |               |               |       |  |  |  |
| 94     | 119.38 | 4.700                         | 116.84 | 4.600       | 114.30 | 4.500       | 71308-4094    |               | 71308-4194    |                            | 71308-4294    |               | 71308-5094    | 71308-5194                 | 71308-5294    |               | 94            |                            |               |               |               |               |               |       |  |  |  |
| 96     | 121.92 | 4.800                         | 119.38 | 4.700       | 116.84 | 4.600       | 71308-4096    |               | 71308-4196    |                            | 71308-4296    |               | 71308-5096    | 71308-5196                 | 71308-5296    |               | 96            |                            |               |               |               |               |               |       |  |  |  |
| 98     | 124.46 | 4.900                         | 121.92 | 4.800       | 119.38 | 4.700       | 71308-4098    |               | 71308-4198    |                            | 71308-4298    |               | 71308-5098    | 71308-5198                 | 71308-5298    |               | 98            |                            |               |               |               |               |               |       |  |  |  |
| 100    | 127.00 | 5.000                         | 124.46 | 4.900       | 121.92 | 4.800       | 71308-4100    |               | 71308-4200    |                            | 71308-4300    |               | 71308-5100    | 71308-5200                 | 71308-5300    |               | 100           |                            |               |               |               |               |               |       |  |  |  |

|                                                            |                               |                           |       |                |       |        |       |                            |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               |       |                      |                           |                                                                                                                                   |                     |   |   |  |
|------------------------------------------------------------|-------------------------------|---------------------------|-------|----------------|-------|--------|-------|----------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------|----------------------------------|------------------------------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------|---------------|-------|----------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------|---|---|--|
| 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 |                                  |                                          |               |                                                                                                                                  |               |       |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            |                               |                           |       | 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)                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               |       |                      |                           |                                                                                                                                   |                     |   |   |  |
| I                                                          | CKTS                          | DIM. A                    |       | DIM. B         |       | DIM. C |       | EDP<br>NUMBER              | EDP<br>NUMBER | EDP<br>NUMBER                                                                                                               | EDP<br>NUMBER | EDP<br>NUMBER              | EDP<br>NUMBER                    | EDP<br>NUMBER                            | EDP<br>NUMBER | EDP<br>NUMBER                                                                                                                    | EDP<br>NUMBER | CKTS  |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            |                               | MM                        | IN    | MM             | IN    | MM     | IN    |                            |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               |       |                      |                           |                                                                                                                                   |                     |   |   |  |
| H                                                          | 04                            | 5.08                      | .200  | 2.54           | .100  | ----   | ----  | 015-91-1048                | 015-91-6047   |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               |       | 04                   |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 06                            | 7.62                      | .300  | 5.08           | .200  | 2.54   | .100  | 015-91-1068                | 015-91-6067   | 71308-6106                                                                                                                  | 71308-6206    |                            |                                  |                                          |               |                                                                                                                                  |               |       | 06                   |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 08                            | 10.16                     | .400  | 7.62           | .300  | 5.08   | .200  | 015-91-1088                | 015-91-6087   | 71308-6108                                                                                                                  | 71308-6208    |                            |                                  |                                          |               |                                                                                                                                  |               |       | 08                   |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 10                            | 12.70                     | .500  | 10.16          | .400  | 7.62   | .300  | 015-91-1108                | 015-91-6107   | 71308-6110                                                                                                                  | 71308-6210    |                            |                                  |                                          |               |                                                                                                                                  |               |       | 10                   |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 12                            | 15.24                     | .600  | 12.70          | .500  | 10.16  | .400  | 015-91-1128                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               |       | 12                   |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 14                            | 17.78                     | .700  | 15.24          | .600  | 12.70  | .500  | 015-91-1148                | 015-91-6147   |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               |       | 14                   |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 16                            | 20.32                     | .800  | 17.78          | .700  | 15.24  | .600  | 015-91-1168                | 015-91-6167   |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               |       | 16                   |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 18                            | 22.86                     | .900  | 20.32          | .800  | 17.78  | .700  | 015-91-1188                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               |       | 18                   |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 20                            | 25.40                     | 1.000 | 22.86          | .900  | 20.32  | .800  | 015-91-1208                | 015-91-6207   |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               |       | 20                   |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 22                            | 27.94                     | 1.100 | 25.40          | 1.000 | 22.86  | .900  | 015-91-1228                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               |       | 22                   |                           |                                                                                                                                   |                     |   |   |  |
| G                                                          | 24                            | 30.48                     | 1.200 | 27.94          | 1.100 | 25.40  | 1.000 | 015-91-1248                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               |       | 24                   |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 26                            | 33.02                     | 1.300 | 30.48          | 1.200 | 27.94  | 1.100 | 015-91-1268                |               | 71308-6126                                                                                                                  |               |                            |                                  |                                          |               |                                                                                                                                  |               | 26    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 28                            | 35.56                     | 1.400 | 33.02          | 1.300 | 30.48  | 1.200 | 015-91-1288                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 28    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 30                            | 38.10                     | 1.500 | 35.56          | 1.400 | 33.02  | 1.300 | 015-91-1308                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 30    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 32                            | 40.64                     | 1.600 | 38.10          | 1.500 | 35.56  | 1.400 | 015-91-1328                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 32    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 34                            | 43.18                     | 1.700 | 40.64          | 1.600 | 38.10  | 1.500 | 015-91-1348                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 34    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 36                            | 45.72                     | 1.800 | 43.18          | 1.700 | 40.64  | 1.600 | 015-91-1368                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 36    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 38                            | 48.26                     | 1.900 | 45.72          | 1.800 | 43.18  | 1.700 | 015-91-1388                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 38    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 40                            | 50.80                     | 2.000 | 48.26          | 1.900 | 45.72  | 1.800 | 015-91-1408                | 015-91-6407   |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 40    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 42                            | 53.34                     | 2.100 | 50.80          | 2.000 | 48.26  | 1.900 | 015-91-1428                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 42    |                      |                           |                                                                                                                                   |                     |   |   |  |
| F                                                          | 44                            | 55.88                     | 2.200 | 53.34          | 2.100 | 50.80  | 2.000 | 015-91-1448                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 44    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 46                            | 58.42                     | 2.300 | 55.88          | 2.200 | 53.34  | 2.100 | 015-91-1468                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 46    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 48                            | 60.96                     | 2.400 | 58.42          | 2.300 | 55.88  | 2.200 | 015-91-1488                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 48    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 50                            | 63.50                     | 2.500 | 60.96          | 2.400 | 58.42  | 2.300 | 015-91-1508                | 015-91-6507   |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 50    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 52                            | 66.04                     | 2.600 | 63.50          | 2.500 | 60.96  | 2.400 | 015-91-1528                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 52    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 54                            | 68.58                     | 2.700 | 66.04          | 2.600 | 63.50  | 2.500 | 015-91-1548                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 54    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 56                            | 71.12                     | 2.800 | 68.58          | 2.700 | 66.04  | 2.600 | 015-91-1568                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 56    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 58                            | 73.66                     | 2.900 | 71.12          | 2.800 | 68.58  | 2.700 | 015-91-1588                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 58    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 60                            | 76.20                     | 3.000 | 73.66          | 2.900 | 71.12  | 2.800 | 015-91-1608                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 60    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 62                            | 78.74                     | 3.100 | 76.20          | 3.000 | 73.66  | 2.900 | 015-91-1628                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 62    |                      |                           |                                                                                                                                   |                     |   |   |  |
| E                                                          | 64                            | 81.28                     | 3.200 | 78.74          | 3.100 | 76.20  | 3.000 | 015-91-1648                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 64    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 66                            | 83.82                     | 3.300 | 81.28          | 3.200 | 78.74  | 3.100 | 015-91-1668                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 66    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 68                            | 86.36                     | 3.400 | 83.82          | 3.300 | 81.28  | 3.200 | 015-91-1688                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 68    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 70                            | 88.90                     | 3.500 | 86.36          | 3.400 | 83.82  | 3.300 | 015-91-1708                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 70    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 72                            | 91.44                     | 3.600 | 88.90          | 3.500 | 86.36  | 3.400 | 015-91-1728                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 72    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 74                            | 93.98                     | 3.700 | 91.44          | 3.600 | 88.90  | 3.500 | 015-91-1748                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 74    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 76                            | 96.52                     | 3.800 | 93.98          | 3.700 | 91.44  | 3.600 | 015-91-1768                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 76    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 78                            | 99.06                     | 3.900 | 96.52          | 3.800 | 93.98  | 3.700 | 015-91-1788                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 78    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 80                            | 101.60                    | 4.000 | 99.06          | 3.900 | 96.52  | 3.800 | 015-91-1808                |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 80    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 82                            | 104.14                    | 4.100 | 101.60         | 4.000 | 99.06  | 3.900 | 71308-6082                 |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 82    |                      |                           |                                                                                                                                   |                     |   |   |  |
| D                                                          | 84                            | 106.68                    | 4.200 | 104.14         | 4.100 | 101.60 | 4.000 | 71308-6084                 |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 84    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 86                            | 109.22                    | 4.300 | 106.68         | 4.200 | 104.14 | 4.100 | 71308-6086                 |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 86    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 88                            | 111.76                    | 4.400 | 109.22         | 4.300 | 106.68 | 4.200 | 71308-6088                 |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 88    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 90                            | 114.30                    | 4.500 | 111.76         | 4.400 | 109.22 | 4.300 | 71308-6090                 |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 90    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 92                            | 116.84                    | 4.600 | 114.30         | 4.500 | 111.76 | 4.400 | 71308-6092                 |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 92    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 94                            | 119.38                    | 4.700 | 116.84         | 4.600 | 114.30 | 4.500 | 71308-6094                 |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 94    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 96                            | 121.92                    | 4.800 | 119.38         | 4.700 | 116.84 | 4.600 | 71308-6096                 |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 96    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 98                            | 124.46                    | 4.900 | 121.92         | 4.800 | 119.38 | 4.700 | 71308-6098                 |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 98    |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | 100                           | 127.00                    | 5.000 | 124.46         | 4.900 | 121.92 | 4.800 | 71308-6100                 |               |                                                                                                                             |               |                            |                                  |                                          |               |                                                                                                                                  |               | 100   |                      |                           |                                                                                                                                   |                     |   |   |  |
|                                                            | B                             | SHORT PEG VERSION (.055") |       |                |       |        |       |                            |               | SEE SHEET 1<br>EC NO: UCP2009-2465<br>2009/08/04<br>DRWN:MK/PPER<br>CHKD:SSOUSEK<br>2009/08/07<br>APPR:FSMITH<br>2009/08/10 | REV<br>K3     | DESCRIPTION                | QUALITY<br>SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |               | DIMENSION STYLE<br>MM/IN                                                                                                         |               | SCALE | DESIGN UNITS<br>INCH | THIRD ANGLE<br>PROJECTION | TITLE<br>SALES ASSY INSULATOR<br>DUAL ROW SMT W/BREAK-OFF<br>.025SQ PIN GULLWING .100<br>MOLEX MOLEX INCORPORATED<br>SD-71308-001 | SHEET NO.<br>5 OF 6 |   |   |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                               |                           |       |                |       |        |       |                            |               |                                                                                                                             |               |                            |                                  | SEE TABLE                                |               | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |               |       |                      |                           |                                                                                                                                   |                     |   |   |  |
| A                                                          | 12                            |                           | 11    |                | 10    |        | 9     |                            | 8             |                                                                                                                             | 7             |                            | 6                                |                                          | 5             |                                                                                                                                  | 4             |       | 3                    |                           | 2                                                                                                                                 |                     | 1 |   |  |

