

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

**Part Number:** [0713085424](#)  
**Status:** **Active**  
**Description:** 2.54mm (.100") Pitch C-Grid® Header, Surface Mount, Dual Row, Vertical, 24 Circuits, 1.50µm (59µ") Minimum Bright Tin (Sn) Over Nickel (Ni) Plating, without PCB Locator Pegs

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)

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

**Agency Certification**

CSA LR19980  
UL E29179

**General**

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

**Physical**

Breakaway Yes  
Circuits (Loaded) 24  
Circuits (maximum) 24  
Color - Resin Black  
Durability (mating cycles max) 50  
Flammability 94V-0  
Glow-Wire Compliant No  
Lock to Mating Part None  
Material - Metal Phosphor Bronze  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Number of Rows 2  
Orientation Vertical  
PCB Locator Yes  
PCB Retention Yes  
Packaging Type Tube  
Pitch - Mating Interface (in) 0.100 In  
Pitch - Mating Interface (mm) 2.54 mm  
Polarized to PCB No  
Shrouded No  
Stackable Yes  
Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Surface Mount

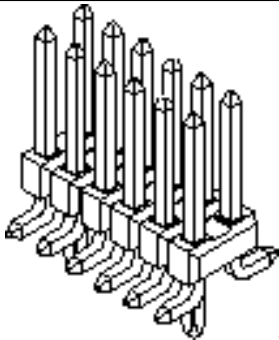
**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 40  
Lead-free Process Capability Reflow Capable (SMT only)  
Max. Cycles at Max. Process Temperature 3  
Process Temperature max. C 260

**Material Info**



Series  
image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Halogen-Free**  
**Status**  
**Not Reviewed**

**China RoHS**



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

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

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

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

**Reference - Drawing Numbers**

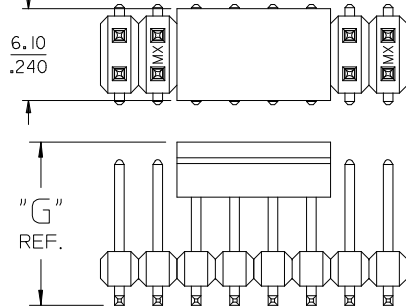
Product Specification  
Sales Drawing

PS-71308, RPS-71308-001  
SD-71308-001

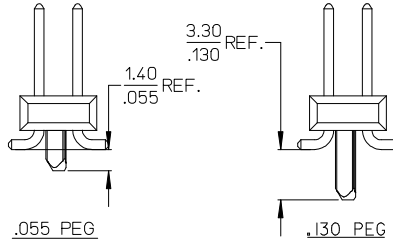
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# OPTIONAL PICK AND PLACE CAP SEE NOTES 4 & 9.



## PEG OPTIONS



### NOTES:

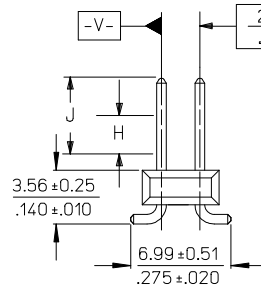
- MATERIALS: INSULATOR: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL94 V-0, COLOR: BLACK  
TERMINAL: COPPER ALLOY
- FINISH:  
59 TIN - 0.00150/.000059 MINIMUM BRIGHT TIN OVER NICKEL OVERALL.  
150 TIN - 0.00381/.000150 MINIMUM BRIGHT TIN OVER NICKEL OVERALL.  
15 GOLD - 0.00038/.000015 MINIMUM GOLD 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 |

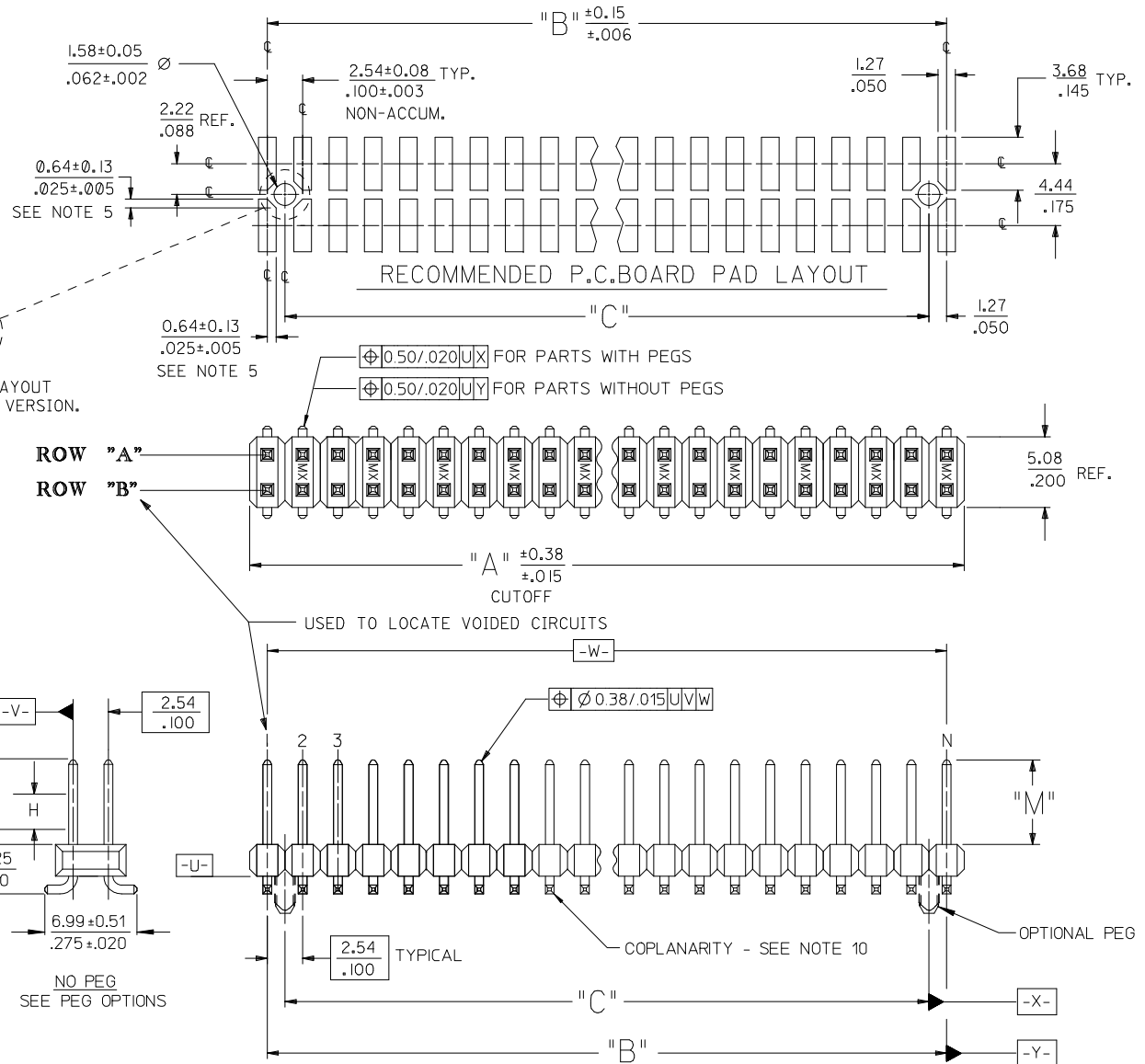
P.C. BOARD PAD LAYOUT  
AT ENDS FOR NO PEG VERSION.



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  
REV

QUALITY  
SYMBOLS  
=0  
=0

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|               | mm    | INCH  |
|---------------|-------|-------|
| 4 PLACES      | ±---  | ±---  |
| 3 PLACES      | ±---  | ±.005 |
| 2 PLACES      | ±0.13 | ±.010 |
| 1 PLACE       | ±0.25 | ±---  |
| ANGULAR ±1/2° |       |       |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM/IN

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

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

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

MATERIAL NO.  
SEE TABLES

SCALE  
DESIGN UNITS  
INCH

THIRD ANGLE  
PROJECTION

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

MOLEX INCORPORATED

DOCUMENT NO.  
SD-71308-001

SHEET NO.  
1 OF 6

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

| 13 |      | 12                            |       | 11        |       | 10            |               | 9                          |               | 8                    |               | 7             |               | 6                          |               | 5                    |               | 4             |               | 3                          |               | 2                    |               | 1             |               |               |               |             |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----|------|-------------------------------|-------|-----------|-------|---------------|---------------|----------------------------|---------------|----------------------|---------------|---------------|---------------|----------------------------|---------------|----------------------|---------------|---------------|---------------|----------------------------|---------------|----------------------|---------------|---------------|---------------|---------------|---------------|-------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| J  |      | PACKAGING<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)                |               |                      |               | 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)                |               |                      |               | 2.54 (.100)   |               |                            |               |                      |               |               |               | 4.57 (.180)   |               | 4.57 (.180) |  |  |  |  |  |  |  |  |  |  |  |  |  |
|    |      | DIM. J                        |       |           |       | 5.08 (.200)   |               |                            |               | 5.08 (.200)          |               |               |               | 5.08 (.200)                |               |                      |               | 5.08 (.200)   |               |                            |               |                      |               |               |               | 7.11 (.280)   |               | 7.11 (.280) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| I  | CKTS | DIM. A                        |       | DIM. B    |       | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER              | EDP<br>NUMBER | EDP<br>NUMBER        | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER              | EDP<br>NUMBER | EDP<br>NUMBER        | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER              | EDP<br>NUMBER | EDP<br>NUMBER        | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER | EDP<br>NUMBER | CKTS        |  |  |  |  |  |  |  |  |  |  |  |  |  |
|    |      | MM                            | IN    | MM        | IN    |               |               |                            |               |                      |               |               |               |                            |               |                      |               |               |               |                            |               |                      |               |               |               |               |               |             |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H  | 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            | H             |               |                            |               |                      |               |               |               |               |               |             |  |  |  |  |  |  |  |  |  |  |  |  |  |
|    | 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            |               |               |                            |               |                      |               |               |               |               |               |             |  |  |  |  |  |  |  |  |  |  |  |  |  |
| G  | 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            | G             |               |                            |               |                      |               |               |               |               |               |             |  |  |  |  |  |  |  |  |  |  |  |  |  |
|    | 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            |               |               |                            |               |                      |               |               |               |               |               |             |  |  |  |  |  |  |  |  |  |  |  |  |  |
| F  | 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            | F             |               |                            |               |                      |               |               |               |               |               |             |  |  |  |  |  |  |  |  |  |  |  |  |  |
|    | 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            |               |               |                            |               |                      |               |               |               |               |               |             |  |  |  |  |  |  |  |  |  |  |  |  |  |
| E  | 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            | E             |               |                            |               |                      |               |               |               |               |               |             |  |  |  |  |  |  |  |  |  |  |  |  |  |
|    | 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            |               |               |                            |               |                      |               |               |               |               |               |             |  |  |  |  |  |  |  |  |  |  |  |  |  |
| D  | 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            | D             |               |                            |               |                      |               |               |               |               |               |             |  |  |  |  |  |  |  |  |  |  |  |  |  |
|    | 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            |               |               |                            |               |                      |               |               |               |               |               |             |  |  |  |  |  |  |  |  |  |  |  |  |  |
| C  | 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            | C             |               |                            |               |                      |               |               |               |               |               |             |  |  |  |  |  |  |  |  |  |  |  |  |  |
|    | 56   | 71.1                          |       |           |       |               |               |                            |               |                      |               |               |               |                            |               |                      |               |               |               |                            |               |                      |               |               |               |               |               |             |  |  |  |  |  |  |  |  |  |  |  |  |  |



| 13 |        | 12                            |        | 11                         |        | 10                         |    | 9                          |               | 8                          |               | 7                          |               | 6                          |               | 5                          |               | 4                          |               | 3                          |               | 2                          |               | 1    |  |
|----|--------|-------------------------------|--------|----------------------------|--------|----------------------------|----|----------------------------|---------------|----------------------------|---------------|----------------------------|---------------|----------------------------|---------------|----------------------------|---------------|----------------------------|---------------|----------------------------|---------------|----------------------------|---------------|------|--|
| J  |        | PACKAGING<br>SEE NOTE 4 SHT 1 |        | 4-8 CKT<br>10-100 CKT      |        | BULK<br>TUBES              |    | TAPE-N-REEL<br>W/ VAC CAPS |               | BULK<br>TUBES              |               | TAPE-N-REEL<br>W/ VAC CAPS |               | BULK<br>TUBES              |               | TAPE-N-REEL<br>W/ VAC CAPS |               | BULK<br>TUBES              |               | BULK<br>TUBES              |               | BULK<br>TUBES              |               |      |  |
|    |        |                               |        |                            |        |                            |    |                            |               |                            |               |                            |               |                            |               |                            |               |                            |               |                            |               |                            |               |      |  |
|    |        | DIM. M+0.25 MM                |        | 6.10 (.240)                |        | 6.10 (.240)                |    | 6.10 (.240)                |               | 6.10 (.240)                |               | 6.10 (.240)                |               | 6.10 (.240)                |               | 6.10 (.240)                |               | 8.13 (.320)                |               | 8.13 (.320)                |               | 8.13 (.320)                |               |      |  |
|    |        | PLATING                       |        | 150 TIN                    |        | 150 GOLD                   |    | 150 GOLD                   |               | 150 GOLD                   |               | 150 GOLD                   |               | 150 GOLD                   |               | 150 GOLD                   |               | 150 TIN                    |               | 150 GOLD                   |               | 30 GOLD                    |               |      |  |
|    |        | DIM. H<br>DIM. J              |        | 2.54 (.100)<br>5.08 (.200) |        | 2.54 (.100)<br>5.08 (.200) |    | 2.54 (.100)<br>5.08 (.200) |               | 2.54 (.100)<br>5.08 (.200) |               | 2.54 (.100)<br>5.08 (.200) |               | 2.54 (.100)<br>5.08 (.200) |               | 2.54 (.100)<br>5.08 (.200) |               | 4.57 (.180)<br>7.11 (.280) |               | 4.57 (.180)<br>7.11 (.280) |               | 4.57 (.180)<br>7.11 (.280) |               |      |  |
| 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 | 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</               |               |                            |               |                            |               |                            |               |                            |               |                            |               |      |  |

|                                                                                                                    |                           |           |                                                                                                                                  |                    |                                          |                          |             |               |                      |                           |                            |                                                                                       |               |                    |                            |                              |      |                     |   |   |   |  |   |  |   |   |   |
|--------------------------------------------------------------------------------------------------------------------|---------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------|--------------------------|-------------|---------------|----------------------|---------------------------|----------------------------|---------------------------------------------------------------------------------------|---------------|--------------------|----------------------------|------------------------------|------|---------------------|---|---|---|--|---|--|---|---|---|
|                                                                                                                    | 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 |                              |      |                     |   |   |   |  |   |  |   |   | J |
|                                                                                                                    |                           |           |                                                                                                                                  |                    |                                          |                          | 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                | CKTS |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    |                           | MM        | IN                                                                                                                               | MM                 | IN                                       | MM                       | IN          |               |                      |                           |                            |                                                                                       |               |                    |                            |                              |      |                     |   |   |   |  |   |  |   |   |   |
| H                                                                                                                  | 04                        | 5.08      | .200                                                                                                                             | 2.54               | .100                                     | ----                     | ----        | 015-91-1048   | 015-91-6047          |                           |                            |                                                                                       |               |                    |                            |                              | 04   |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 06                        | 7.62      | .300                                                                                                                             | 5.08               | .200                                     | 2.54                     | .100        | 015-91-1068   | 015-91-6067          | 71308-6106                | 71308-6206                 |                                                                                       |               |                    |                            |                              | 06   |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 08                        | 10.16     | .400                                                                                                                             | 7.62               | .300                                     | 5.08                     | .200        | 015-91-1088   | 015-91-6087          | 71308-6108                | 71308-6208                 |                                                                                       |               |                    |                            |                              | 08   |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 10                        | 12.70     | .500                                                                                                                             | 10.16              | .400                                     | 7.62                     | .300        | 015-91-1108   | 015-91-6107          | 71308-6110                | 71308-6210                 |                                                                                       |               |                    |                            |                              | 10   |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 12                        | 15.24     | .600                                                                                                                             | 12.70              | .500                                     | 10.16                    | .400        | 015-91-1128   |                      |                           |                            |                                                                                       |               |                    |                            |                              | 12   |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 14                        | 17.78     | .700                                                                                                                             | 15.24              | .600                                     | 12.70                    | .500        | 015-91-1148   | 015-91-6147          |                           |                            |                                                                                       |               |                    |                            |                              | 14   |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 16                        | 20.32     | .800                                                                                                                             | 17.78              | .700                                     | 15.24                    | .600        | 015-91-1168   | 015-91-6167          |                           |                            |                                                                                       |               |                    |                            |                              | 16   |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 18                        | 22.86     | .900                                                                                                                             | 20.32              | .800                                     | 17.78                    | .700        | 015-91-1188   |                      |                           |                            |                                                                                       |               |                    |                            |                              | 18   |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 20                        | 25.40     | 1.000                                                                                                                            | 22.86              | .900                                     | 20.32                    | .800        | 015-91-1208   | 015-91-6207          |                           |                            |                                                                                       |               |                    |                            |                              | 20   |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 22                        | 27.94     | 1.100                                                                                                                            | 25.40              | 1.000                                    | 22.86                    | .900        | 015-91-1228   |                      |                           |                            |                                                                                       |               |                    |                            |                              | 22   |                     |   |   |   |  |   |  |   |   |   |
| G                                                                                                                  | 24                        | 30.48     | 1.200                                                                                                                            | 27.94              | 1.100                                    | 25.40                    | 1.000       | 015-91-1248   |                      |                           |                            |                                                                                       |               |                    |                            |                              | 24   |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 26                        | 33.02     | 1.300                                                                                                                            | 30.48              | 1.200                                    | 27.94                    | 1.100       | 015-91-1268   |                      | 71308-6126                |                            |                                                                                       |               |                    |                            | 26                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 28                        | 35.56     | 1.400                                                                                                                            | 33.02              | 1.300                                    | 30.48                    | 1.200       | 015-91-1288   |                      |                           |                            |                                                                                       |               |                    |                            | 28                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 30                        | 38.10     | 1.500                                                                                                                            | 35.56              | 1.400                                    | 33.02                    | 1.300       | 015-91-1308   |                      |                           |                            |                                                                                       |               |                    |                            | 30                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 32                        | 40.64     | 1.600                                                                                                                            | 38.10              | 1.500                                    | 35.56                    | 1.400       | 015-91-1328   |                      |                           |                            |                                                                                       |               |                    |                            | 32                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 34                        | 43.18     | 1.700                                                                                                                            | 40.64              | 1.600                                    | 38.10                    | 1.500       | 015-91-1348   |                      |                           |                            |                                                                                       |               |                    |                            | 34                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 36                        | 45.72     | 1.800                                                                                                                            | 43.18              | 1.700                                    | 40.64                    | 1.600       | 015-91-1368   |                      |                           |                            |                                                                                       |               |                    |                            | 36                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 38                        | 48.26     | 1.900                                                                                                                            | 45.72              | 1.800                                    | 43.18                    | 1.700       | 015-91-1388   |                      |                           |                            |                                                                                       |               |                    |                            | 38                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 40                        | 50.80     | 2.000                                                                                                                            | 48.26              | 1.900                                    | 45.72                    | 1.800       | 015-91-1408   | 015-91-6407          |                           |                            |                                                                                       |               |                    |                            | 40                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | F                         | 42        | 53.34                                                                                                                            | 2.100              | 50.80                                    | 2.000                    | 48.26       | 1.900         | 015-91-1428          |                           |                            |                                                                                       |               |                    |                            |                              | 42   |                     |   |   |   |  |   |  |   |   |   |
| 44                                                                                                                 |                           | 55.88     | 2.200                                                                                                                            | 53.34              | 2.100                                    | 50.80                    | 2.000       | 015-91-1448   |                      |                           |                            |                                                                                       |               |                    |                            | 44                           |      |                     |   |   |   |  |   |  |   |   |   |
| 46                                                                                                                 |                           | 58.42     | 2.300                                                                                                                            | 55.88              | 2.200                                    | 53.34                    | 2.100       | 015-91-1468   |                      |                           |                            |                                                                                       |               |                    |                            | 46                           |      |                     |   |   |   |  |   |  |   |   |   |
| 48                                                                                                                 |                           | 60.96     | 2.400                                                                                                                            | 58.42              | 2.300                                    | 55.88                    | 2.200       | 015-91-1488   |                      |                           |                            |                                                                                       |               |                    |                            | 48                           |      |                     |   |   |   |  |   |  |   |   |   |
| 50                                                                                                                 |                           | 63.50     | 2.500                                                                                                                            | 60.96              | 2.400                                    | 58.42                    | 2.300       | 015-91-1508   | 015-91-6507          |                           |                            |                                                                                       |               |                    |                            | 50                           |      |                     |   |   |   |  |   |  |   |   |   |
| 52                                                                                                                 |                           | 66.04     | 2.600                                                                                                                            | 63.50              | 2.500                                    | 60.96                    | 2.400       | 015-91-1528   |                      |                           |                            |                                                                                       |               |                    |                            | 52                           |      |                     |   |   |   |  |   |  |   |   |   |
| 54                                                                                                                 |                           | 68.58     | 2.700                                                                                                                            | 66.04              | 2.600                                    | 63.50                    | 2.500       | 015-91-1548   |                      |                           |                            |                                                                                       |               |                    |                            | 54                           |      |                     |   |   |   |  |   |  |   |   |   |
| 56                                                                                                                 |                           | 71.12     | 2.800                                                                                                                            | 68.58              | 2.700                                    | 66.04                    | 2.600       | 015-91-1568   |                      |                           |                            |                                                                                       |               |                    |                            | 56                           |      |                     |   |   |   |  |   |  |   |   |   |
| 58                                                                                                                 |                           | 73.66     | 2.900                                                                                                                            | 71.12              | 2.800                                    | 68.58                    | 2.700       | 015-91-1588   |                      |                           |                            |                                                                                       |               |                    |                            | 58                           |      |                     |   |   |   |  |   |  |   |   |   |
| 60                                                                                                                 |                           | 76.20     | 3.000                                                                                                                            | 73.66              | 2.900                                    | 71.12                    | 2.800       | 015-91-1608   |                      |                           |                            |                                                                                       |               |                    |                            | 60                           |      |                     |   |   |   |  |   |  |   |   |   |
| E                                                                                                                  | 62                        | 78.74     | 3.100                                                                                                                            | 76.20              | 3.000                                    | 73.66                    | 2.900       | 015-91-1628   |                      |                           |                            |                                                                                       |               |                    |                            | 62                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 64                        | 81.28     | 3.200                                                                                                                            | 78.74              | 3.100                                    | 76.20                    | 3.000       | 015-91-1648   |                      |                           |                            |                                                                                       |               |                    |                            | 64                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 66                        | 83.82     | 3.300                                                                                                                            | 81.28              | 3.200                                    | 78.74                    | 3.100       | 015-91-1668   |                      |                           |                            |                                                                                       |               |                    |                            | 66                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 68                        | 86.36     | 3.400                                                                                                                            | 83.82              | 3.300                                    | 81.28                    | 3.200       | 015-91-1688   |                      |                           |                            |                                                                                       |               |                    |                            | 68                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 70                        | 88.90     | 3.500                                                                                                                            | 86.36              | 3.400                                    | 83.82                    | 3.300       | 015-91-1708   |                      |                           |                            |                                                                                       |               |                    |                            | 70                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 72                        | 91.44     | 3.600                                                                                                                            | 88.90              | 3.500                                    | 86.36                    | 3.400       | 015-91-1728   |                      |                           |                            |                                                                                       |               |                    |                            | 72                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 74                        | 93.98     | 3.700                                                                                                                            | 91.44              | 3.600                                    | 88.90                    | 3.500       | 015-91-1748   |                      |                           |                            |                                                                                       |               |                    |                            | 74                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 76                        | 96.52     | 3.800                                                                                                                            | 93.98              | 3.700                                    | 91.44                    | 3.600       | 015-91-1768   |                      |                           |                            |                                                                                       |               |                    |                            | 76                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 78                        | 99.06     | 3.900                                                                                                                            | 96.52              | 3.800                                    | 93.98                    | 3.700       | 015-91-1788   |                      |                           |                            |                                                                                       |               |                    |                            | 78                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 80                        | 101.60    | 4.000                                                                                                                            | 99.06              | 3.900                                    | 96.52                    | 3.800       | 015-91-1808   |                      |                           |                            |                                                                                       |               |                    |                            | 80                           |      |                     |   |   |   |  |   |  |   |   |   |
| D                                                                                                                  | 82                        | 104.14    | 4.100                                                                                                                            | 101.60             | 4.000                                    | 99.06                    | 3.900       | 71308-6082    |                      |                           |                            |                                                                                       |               |                    |                            | 82                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 84                        | 106.68    | 4.200                                                                                                                            | 104.14             | 4.100                                    | 101.60                   | 4.000       | 71308-6084    |                      |                           |                            |                                                                                       |               |                    |                            | 84                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 86                        | 109.22    | 4.300                                                                                                                            | 106.68             | 4.200                                    | 104.14                   | 4.100       | 71308-6086    |                      |                           |                            |                                                                                       |               |                    |                            | 86                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 88                        | 111.76    | 4.400                                                                                                                            | 109.22             | 4.300                                    | 106.68                   | 4.200       | 71308-6088    |                      |                           |                            |                                                                                       |               |                    |                            | 88                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 90                        | 114.30    | 4.500                                                                                                                            | 111.76             | 4.400                                    | 109.22                   | 4.300       | 71308-6090    |                      |                           |                            |                                                                                       |               |                    |                            | 90                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 92                        | 116.84    | 4.600                                                                                                                            | 114.30             | 4.500                                    | 111.76                   | 4.400       | 71308-6092    |                      |                           |                            |                                                                                       |               |                    |                            | 92                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 94                        | 119.38    | 4.700                                                                                                                            | 116.84             | 4.600                                    | 114.30                   | 4.500       | 71308-6094    |                      |                           |                            |                                                                                       |               |                    |                            | 94                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 96                        | 121.92    | 4.800                                                                                                                            | 119.38             | 4.700                                    | 116.84                   | 4.600       | 71308-6096    |                      |                           |                            |                                                                                       |               |                    |                            | 96                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 98                        | 124.46    | 4.900                                                                                                                            | 121.92             | 4.800                                    | 119.38                   | 4.700       | 71308-6098    |                      |                           |                            |                                                                                       |               |                    |                            | 98                           |      |                     |   |   |   |  |   |  |   |   |   |
|                                                                                                                    | 100                       | 127.00    | 5.000                                                                                                                            | 124.46             | 4.900                                    | 121.92                   | 4.800       | 71308-6100    |                      |                           |                            |                                                                                       |               |                    |                            | 100                          |      |                     |   |   |   |  |   |  |   |   |   |
| B                                                                                                                  | SHORT PEG VERSION (.055") |           |                                                                                                                                  |                    |                                          |                          |             |               |                      |                           |                            |                                                                                       |               |                    |                            |                              |      |                     |   |   |   |  |   |  | B |   |   |
|                                                                                                                    |                           |           |                                                                                                                                  |                    |                                          |                          |             |               |                      |                           |                            |                                                                                       |               |                    |                            |                              |      |                     |   |   |   |  |   |  |   | A |   |
| SEE SHEET 1<br>EC NO: UCP2009-2465<br>DRWN:MK/PPER 2009/08/04<br>CHKD:SSOUSEK 2009/08/07<br>APPR:FSMITH 2009/08/10 |                           | REV<br>K3 | DESCRIPTION<br>▽=0<br>▽=0                                                                                                        | QUALITY<br>SYMBOLS | 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 |               | MOLEX INCORPORATED |                            | DOCUMENT NO.<br>SD-71308-001 |      | SHEET NO.<br>5 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 |                    |                                          |                          |             |               |                      |                           |                            |                                                                                       |               |                    |                            |                              |      |                     |   |   |   |  |   |  |   |   |   |
| tb_frame_C_P_AM.T<br>Rev. E 2006/04/15                                                                             |                           | 12        | 11                                                                                                                               | 10                 | 9                                        | 8                        | 7           | 6             | 5                    | 4                         | 3                          | 2                                                                                     | 1             |                    |                            |                              |      |                     |   |   |   |  |   |  |   |   |   |

