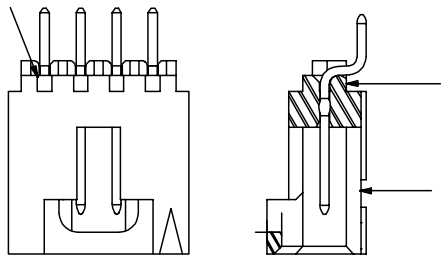
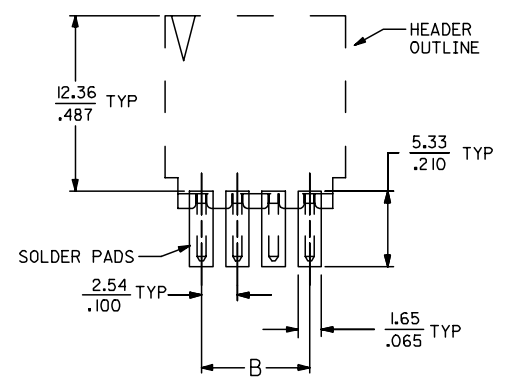
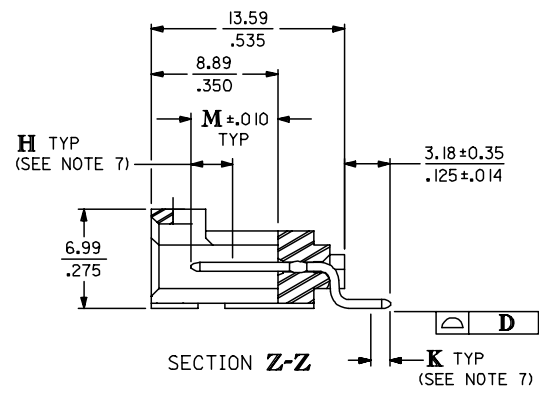
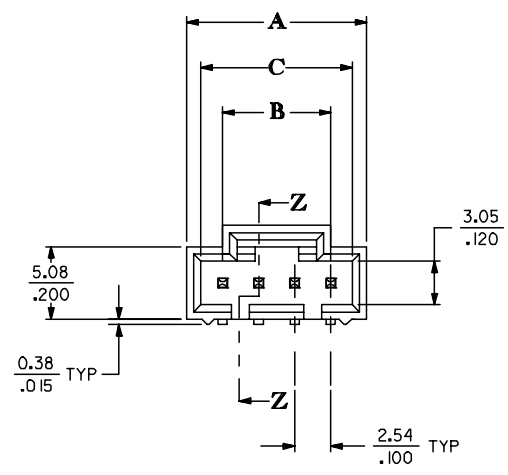


(0.64)/.025 SQUARE PIN

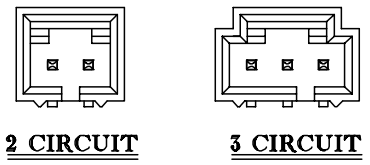


**ALTERNATIVE CORING
MANUFACTURER'S OPTION**

| CKT. SIZE | "A" | | "B" | | "C" | | "D" | |
|-----------|-------|-------|-------|-------|-------|-------|------|------|
| | MM | IN. | MM | IN. | MM | IN. | MM | IN. |
| 2 | 7.37 | .290 | 2.54 | .100 | 5.33 | .210 | 0.13 | .005 |
| 3 | 10.16 | .400 | 5.08 | .200 | 8.13 | .320 | 0.13 | .005 |
| 4 | 12.70 | .500 | 7.62 | .300 | 10.67 | .420 | 0.13 | .005 |
| 5 | 15.24 | .600 | 10.16 | .400 | 13.21 | .520 | 0.13 | .005 |
| 6 | 17.78 | .700 | 12.70 | .500 | 15.75 | .620 | 0.13 | .005 |
| 7 | 20.32 | .800 | 15.24 | .600 | 18.29 | .720 | 0.13 | .005 |
| 8 | 22.86 | .900 | 17.78 | .700 | 20.83 | .820 | 0.13 | .005 |
| 9 | 25.40 | 1.000 | 20.32 | .800 | 23.37 | .920 | 0.13 | .005 |
| 10 | 27.94 | 1.100 | 22.86 | .900 | 25.91 | 1.020 | 0.13 | .005 |
| 11 | 30.48 | 1.200 | 25.40 | 1.000 | 28.45 | 1.120 | 0.13 | .005 |
| 12 | 33.02 | 1.300 | 27.94 | 1.100 | 30.99 | 1.220 | 0.13 | .005 |
| 13 | 35.56 | 1.400 | 30.48 | 1.200 | 33.53 | 1.320 | 0.13 | .005 |
| 14 | 38.10 | 1.500 | 33.02 | 1.300 | 36.07 | 1.420 | 0.13 | .005 |
| 15 | 40.64 | 1.600 | 35.56 | 1.400 | 38.61 | 1.520 | 0.13 | .005 |
| 16 | 43.18 | 1.700 | 38.10 | 1.500 | 41.15 | 1.620 | 0.15 | .006 |
| 17 | 45.72 | 1.800 | 40.64 | 1.600 | 43.69 | 1.720 | 0.15 | .006 |
| 18 | 48.26 | 1.900 | 43.18 | 1.700 | 46.23 | 1.820 | 0.15 | .006 |
| 19 | 50.80 | 2.000 | 45.72 | 1.800 | 48.77 | 1.920 | 0.15 | .006 |
| 20 | 53.34 | 2.100 | 48.26 | 1.900 | 51.31 | 2.020 | 0.15 | .006 |
| 21 | 55.88 | 2.200 | 50.80 | 2.000 | 53.85 | 2.120 | 0.18 | .007 |
| 22 | 58.42 | 2.300 | 53.34 | 2.100 | 56.39 | 2.220 | 0.18 | .007 |
| 23 | 60.96 | 2.400 | 55.88 | 2.200 | 58.93 | 2.320 | 0.18 | .007 |
| 24 | 63.50 | 2.500 | 58.42 | 2.300 | 61.47 | 2.420 | 0.18 | .007 |
| 25 | 66.04 | 2.600 | 60.96 | 2.400 | 64.01 | 2.520 | 0.18 | .007 |



RECOMMENDED P.C. BOARD PAD LAYOUT



NOTES:

1. HEADER MATERIAL: GLASS FILLED POLYESTER; UL94V-0; COLOR: BLACK
PIN MATERIAL: PHOSPHOR BRONZE
2. SEE SHEET 2 FOR PIN PLATINGS.
3. HEADER TO BE USED WITH OPTION "G" 70400 AND 70430 SERIES SL CONNECTORS.
4. REFER TO MOLEX PRODUCT SPECIFICATION PS-70541.
5. SEE CHART ON SHEET 2 FOR STANDARD PACKAGING.
6. DIMENSIONS WITHOUT TOLERANCE ARE SHOWN FOR REFERENCE ONLY.
7. MEASURE POINT FOR PLATING THICKNESS. SEE CHART ON SHEET 2 FOR DIMENSIONS H AND K.

| | | | | | | | |
|---|---|--|---|--|---|------------------|--|
| MODIFY PACKAGING EC NO: UCP2006-1582 DRAWN BY: BARRA 2006/01/30 CHKD: DMORGAN 2006/02/03 APPR: SMILLER 2006/02/06 REV: | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ±.010 2 PLACES ± 0.25 ±.015 1 PLACE ± 0.38 ± --- ANGULAR ±1/2° | DIMENSION STYLE MM/IN DRAWN BY: DMORGAN DATE: 02/07/08 CHECKED BY: BBARKER DATE: 02/07/08 APPROVED BY: SMILLER DATE: 02/07/08 MATERIAL NO. | SCALE: 4:1 DESIGN UNITS: INCH THIRD ANGLE PROJECTION | TITLE: SALES ASSEMBLY SMT HDR RIGHT ANGLE W/ LATCHES .100 CENTERS W/ OUT PEGS MOLEX INCORPORATED | SHEET NO. 1 OF 2 | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE TABLE | DOCUMENT NO. SD-74105-001 | | | |
| | 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 | ITEM NUMBER 74105- | "M" | PLATING SEE BELOW | CONNECTOR END PLATING | | P.C. BOARD END PLATING | | PACKAGING | | | | | |
| | | | | TYPE | "H" MEASURE POINT | TYPE | "K" MEASURE POINT | OPTION | PACKAGE PER PK-70873 | | | | |
| | -0001-0024 | 6.10 .240 | TIN | TIN | 2.54 .100 | TIN | 1.27 .050 | TUBE | -016 | | | | |
| | -0025-0048 | 6.10 .240 | 15 GOLD | GOLD | 2.54 .100 | TIN | 1.27 .050 | TUBE | -016 | | | | |
| I | -0049-0072 | 6.10 .240 | 30 GOLD | GOLD | 2.54 .100 | TIN | 1.27 .050 | TUBE | -016 | | | | |
| H | | | | | | | | | | | | | |

| CKTS | ITEM NUMBER | ITEM NUMBER | ITEM NUMBER | CKTS |
|------|-------------|-------------|-------------|------|
| | 02 | 74105-0001 | 74105-0025 | 02 |
| | 03 | 74105-0002 | 74105-0026 | 03 |
| G | 04 | 74105-0003 | 74105-0027 | 04 |
| | 05 | 74105-0004 | 74105-0028 | 05 |
| | 06 | 74105-0005 | 74105-0029 | 06 |
| | 07 | 74105-0006 | 74105-0030 | 07 |
| | 08 | 74105-0007 | 74105-0031 | 08 |
| | 09 | 74105-0008 | 74105-0032 | 09 |
| F | 10 | 74105-0009 | 74105-0033 | 10 |
| | 11 | 74105-0010 | 74105-0034 | 11 |
| | 12 | 74105-0011 | 74105-0035 | 12 |
| | 13 | 74105-0012 | 74105-0036 | 13 |
| | 14 | 74105-0013 | 74105-0037 | 14 |
| | 15 | 74105-0014 | 74105-0038 | 15 |
| E | 16 | 74105-0015 | 74105-0039 | 16 |
| | 17 | 74105-0016 | 74105-0040 | 17 |
| | 18 | 74105-0017 | 74105-0041 | 18 |
| | 19 | 74105-0018 | 74105-0042 | 19 |
| | 20 | 74105-0019 | 74105-0043 | 20 |
| | 21 | 74105-0020 | 74105-0044 | 21 |
| | 22 | 74105-0021 | 74105-0045 | 22 |
| D | 23 | 74105-0022 | 74105-0046 | 23 |
| | 24 | 74105-0023 | 74105-0047 | 24 |
| | 25 | 74105-0024 | 74105-0048 | 25 |

PLATINGS

TIN - TIN (Sn) OVER ENTIRE PIN; THICKNESS=(3.75 MICROMETER)/75 MICROINCH MINIMUM;
NICKEL (Ni) UNDERPLATE OVER ENTIRE PIN.

15 GOLD - SELECTIVE GOLD (Au) IN THE CONTACT AREA; THICKNESS=(0.37 MICROMETER)/15 MICROINCH MINIMUM;
SELECTIVE TIN (Sn) IN THE PC TAIL AREA; THICKNESS=(1.88 MICROMETER)/75 MICROINCH MINIMUM;
NICKEL (Ni) UNDERPLATE OVER ENTIRE PIN.

30 GOLD - SELECTIVE GOLD (Au) IN THE CONTACT AREA; THICKNESS=(0.75 MICROMETER)/30 MICROINCH MINIMUM;
SELECTIVE TIN (Sn) IN THE PC TAIL AREA; THICKNESS=(1.88 MICROMETER)/75 MICROINCH MINIMUM;
NICKEL (Ni) UNDERPLATE OVER ENTIRE PIN.

| | | | | | | | |
|--|--|--|--|--------------------------------------|---|--|--|
| MODIFY PLATING EC NO: UCP2006-1582 DRAWN BY: BARRA 2006/01/30 CHKD: DMORGAN 2006/02/03 APPR: SMILLER 2006/02/06 REVISIONS DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | |
| | <input type="checkbox"/> =0 <input type="checkbox"/> =0 | mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- ANGULAR ±1/2° | MM/IN | --- | INCH | <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| | | | DRAWN BY DATE DMORGAN 02/07/08 | TITLE | SALES ASSEMBLY SMT HDR RIGHT ANGLE W/ LATCH .100 CENTERS W/OUT PEGS | | |
| | | | CHECKED BY DATE BBARKER 02/07/08 | APPROVED BY DATE SMILLER 02/07/08 | MOLEX INCORPORATED | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-74105-001 | SHEET NO. 2 OF 2 | | |
| | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | |