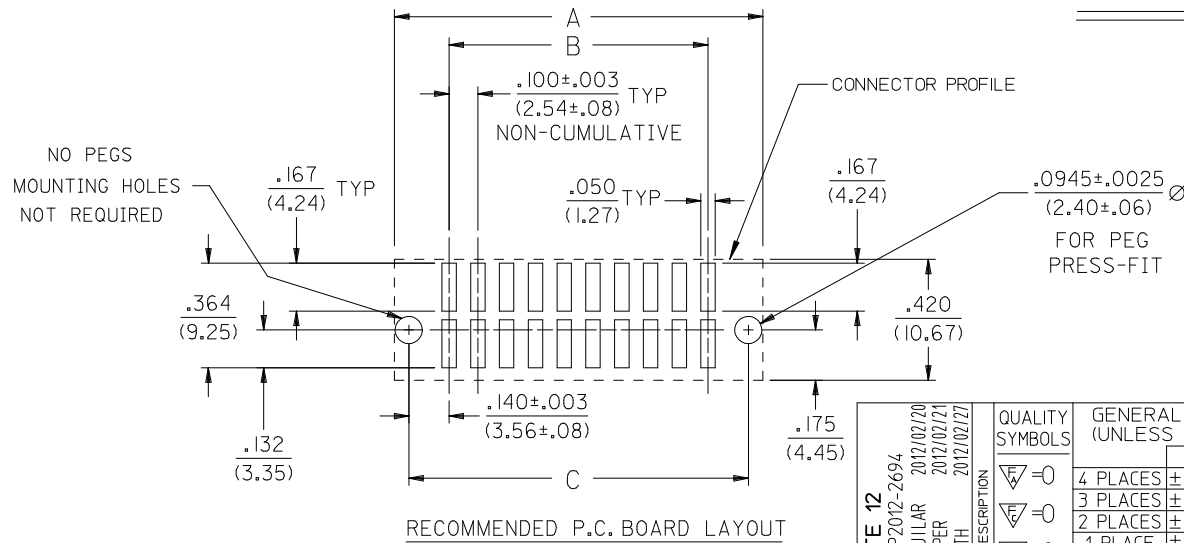
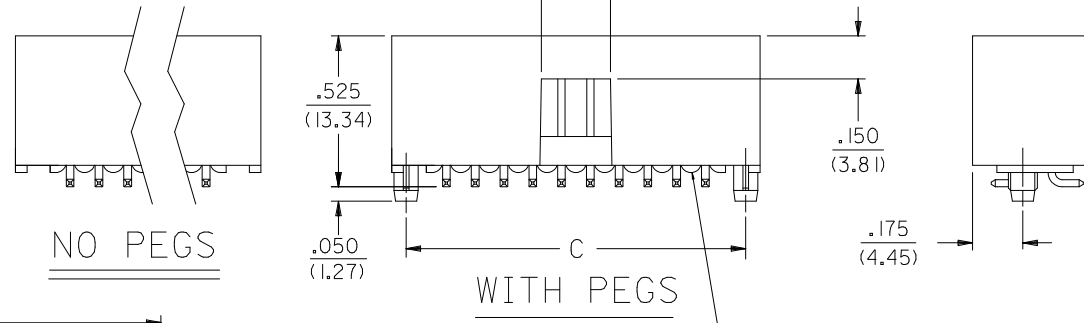
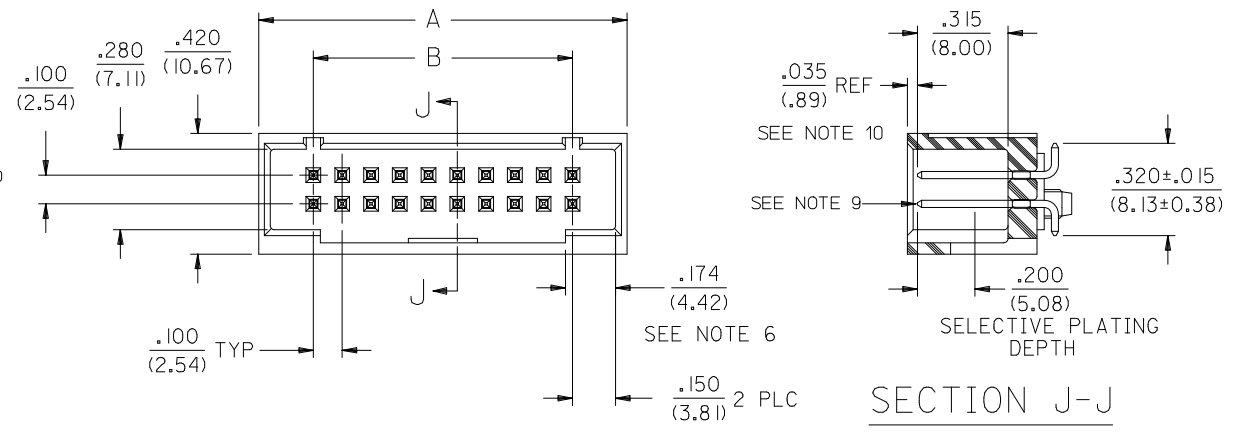


NOTES:

- MATERIALS: SHROUDED WAFER: LCP, COLOR: BLACK, 94V-0
PINS: COPPER ALLOY
- FINISHES:
TIN: .000150/(0.00381) MINIMUM TIN OVER
.000050/(0.00127) MINIMUM NICKEL.
15 GOLD: .000015/(0.00038) MINIMUM GOLD PLATE IN SELECTED AREA AND
.000075/(0.00191) MINIMUM TIN IN SELECTED AREA
OVER .000050/(0.00127) MINIMUM NICKEL OVER-ALL.
30 GOLD: .000030/(0.00076) MINIMUM GOLD PLATE IN SELECTED AREA AND
.000075/(0.00191) MINIMUM TIN IN SELECTED AREA
OVER .000050/(0.00127) MINIMUM NICKEL OVER-ALL.
- PRODUCT SPECIFICATION: PS-71349-001
- SEE SHEETS 3 AND 4 FOR PACKAGING DETAILS.
- PRODUCT MATES TO 70013B (6 TO 50 CKTS).
- THIS SHOULDER IS .125/(3.18) FOR 6 CIRCUIT ONLY.
.174/(4.42) FOR ALL OTHER CIRCUIT SIZES.
- 20 CIRCUIT SIZE SHOWN FOR ILLUSTRATION PURPOSES.
- PIN SMT TAILS MUST MEET SOLDERABILITY PER
MIL-STD-202, METHOD 208B.
- PIN PUSHOUT FORCE 4 LBS/(17.79N) MINIMUM IN DIRECTION INDICATED.
- ROW TO ROW PIN HEIGHT VARIATION MUST NOT EXCEED .010/(0.25).
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.
- PIN FEET TO BE COPLANAR WITHIN .008/(0.20) TOTAL.



| | | | | | | | | |
|---|--------------------------------------|---------------------------------------|-----------------------|--------------------------|--------------------|--|---|--|
| ADD NOTE 12 EC NO: UCP2012-2694 DRWN: J JAGUILAR CHKD: MK IPPER APPR: FSM/TH | QUALITY SYMBOLS ∇=0 ∇=0 ∇=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE IN/MM | SCALE 3:1 | DESIGN UNITS INCH | THIRD ANGLE PROJECTION | |
| | | 4 PLACES ± --- ± --- | 3 PLACES ± --- ± .005 | DRAWN BY BSMART | DATE 02/18/2005 | TITLE SALES ASSY, WAFER-4 SIDES SHROUDED, HIGH TEMP, SMT POLAR SLOTS, .100 GRID | | |
| | | 2 PLACES ± 0.13 ± .01 | 1 PLACE ± 0.25 ± --- | CHECKED BY BBARKER | DATE 02/18/2005 | MOLEX INCORPORATED | | |
| | | ANGULAR ± 1/2° | | APPROVED BY SMILLER | DATE 2011/07/22 | DOCUMENT NO. SD-71349-001 | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE TABLE | | SHEET NO. 1 OF 4 | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | |

| NO. OF CKTS | "A" | | "B" | | "C" | |
|----------------|---------------|------------|---------------|------------|---------------|------------|
| | INCH ±.005 | MM ±.13 | INCH ±.003 | MM ±.08 | INCH ±.003 | MM ±.08 |
| 06 | .580 | 14.73 | .200 | 5.08 | .480 | 12.19 |
| 08 | .680 | 17.27 | .300 | 7.62 | .580 | 14.73 |
| 10 | .780 | 19.81 | .400 | 10.16 | .680 | 17.27 |
| 12 | .880 | 22.35 | .500 | 12.70 | .780 | 19.81 |
| 14 | .980 | 24.89 | .600 | 15.24 | .880 | 22.35 |
| 16 | 1.080 | 27.43 | .700 | 17.78 | .980 | 24.89 |
| 18 | 1.180 | 29.97 | .800 | 20.32 | 1.080 | 27.43 |
| 20 | 1.280 | 32.51 | .900 | 22.86 | 1.180 | 29.97 |
| 22 | 1.380 | 35.05 | 1.000 | 25.40 | 1.280 | 32.51 |
| 24 | 1.480 | 37.59 | 1.100 | 27.94 | 1.380 | 35.05 |
| 26 | 1.580 | 40.13 | 1.200 | 30.48 | 1.480 | 37.59 |
| 28 | 1.680 | 42.67 | 1.300 | 33.02 | 1.580 | 40.13 |
| 30 | 1.780 | 45.21 | 1.400 | 35.56 | 1.680 | 42.67 |
| 32 | 1.880 | 47.75 | 1.500 | 38.10 | 1.780 | 45.21 |
| 34 | 1.980 | 50.29 | 1.600 | 40.64 | 1.880 | 47.75 |
| 36 | 2.080 | 52.83 | 1.700 | 43.18 | 1.980 | 50.29 |
| 38 | 2.180 | 55.37 | 1.800 | 45.72 | 2.080 | 52.83 |
| 40 | 2.280 | 57.91 | 1.900 | 48.26 | 2.180 | 55.37 |
| 42 | 2.380 | 60.45 | 2.000 | 50.80 | 2.280 | 57.91 |
| 44 | 2.480 | 62.99 | 2.100 | 53.34 | 2.380 | 60.45 |
| 46 | 2.580 | 65.53 | 2.200 | 55.88 | 2.480 | 62.99 |
| 48 | 2.680 | 68.07 | 2.300 | 58.42 | 2.580 | 65.53 |
| 50 | 2.780 | 70.61 | 2.400 | 60.96 | 2.680 | 68.07 |
| 52 | 2.880 | 73.15 | 2.500 | 63.50 | 2.780 | 70.61 |
| 54 | 2.980 | 75.69 | 2.600 | 66.04 | 2.880 | 73.15 |
| 56 | 3.080 | 78.23 | 2.700 | 68.58 | 2.980 | 75.69 |
| 58 | 3.180 | 80.77 | 2.800 | 71.12 | 3.080 | 78.23 |
| 60 | 3.280 | 83.31 | 2.900 | 73.66 | 3.180 | 80.77 |
| 62 | 3.380 | 85.85 | 3.000 | 76.20 | 3.280 | 83.31 |
| 64 | 3.480 | 88.39 | 3.100 | 78.74 | 3.380 | 85.85 |
| 66 | 3.580 | 90.93 | 3.200 | 81.28 | 3.480 | 88.39 |
| 68 | 3.680 | 93.47 | 3.300 | 83.82 | 3.580 | 90.93 |
| 70 | 3.780 | 96.01 | 3.400 | 86.36 | 3.680 | 93.47 |
| 72 | 3.880 | 98.55 | 3.500 | 88.90 | 3.780 | 96.01 |

| | | | | | | | | | |
|---|--------------------------------------|---|--|-------------------------------------|---------------------------|---|-----------------------------|-------------------------------|----------------------------|
| SEE SHEET 1 EC NO: UCP2012-2694 DRWN: JAGUILAR 2012/02/20 CHKD: HKIPPER 2012/02/21 APPR: FSMITH 2012/02/27 | QUALITY SYMBOLS = 0 = 0 = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE IN/MM | | SCALE 1:1 | DESIGN UNITS INCH | THIRD ANGLE PROJECTION | |
| | | | | DRAWN BY BSMART | DATE 02/18/2005 | TITLE SALES ASSY, WAFER-4 SIDES SHROUDED, HIGH TEMP, SMT POLAR SLOTS, .100 GRID | | | |
| | | | | CHECKED BY BBARKER | DATE 02/18/2005 | | | | |
| | | | | APPROVED BY SMILLER | DATE 2011/07/22 | MOLEX INCORPORATED | | | |
| | | MATERIAL NO. SEE TABLE | | DOCUMENT NO. SD-71349-001 | | | | | SHEET NO. 2 OF 4 |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | |

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WITH PEGS

WITHOUT PEGS

| PLATING | TIN | | | | 15 GOLD | | 30 GOLD | | PLATING | TIN | | | | 15 GOLD | | 30 GOLD | |
|----------------|----------------------|------------------------|-----------------------------|------------------------|-----------------------------|------------------------|-----------------------------|------------------------|----------------------|-----------------------------|------------------------|-----------------------------|------------------------|-----------------------------|------------------------|-----------------------------|--|
| | PACKAGING | TUBES PK-70873-0019 | TAPE & REEL PK-71349-001 | TUBES PK-70873-0019 | TAPE & REEL PK-71349-001 | TUBES PK-70873-0019 | TAPE & REEL PK-71349-001 | TUBES PK-70873-0018 | | TAPE & REEL PK-71349-001 | TUBES PK-70873-0018 | TAPE & REEL PK-71349-001 | TUBES PK-70873-0018 | TAPE & REEL PK-71349-001 | TUBES PK-70873-0018 | TAPE & REEL PK-71349-001 | |
| NO. OF CKTS | ASSEMBLY ITEM NO. | ASSEMBLY ITEM NO. | ASSEMBLY ITEM NO. | ASSEMBLY ITEM NO. | ASSEMBLY ITEM NO. | ASSEMBLY ITEM NO. | NO. OF CKTS | ASSEMBLY ITEM NO. | ASSEMBLY ITEM NO. | ASSEMBLY ITEM NO. | ASSEMBLY ITEM NO. | ASSEMBLY ITEM NO. | ASSEMBLY ITEM NO. | ASSEMBLY ITEM NO. | ASSEMBLY ITEM NO. | | |
| 06 | | | | | | | 06 | | | | | | | | | | |
| 08 | | | | | | | 08 | | | | | | | | | | |
| 10 | | | | | | | 10 | | | | | | 71349-8071 | 71349-5937 | | | |
| 12 | | | | | | | 12 | | | | | | | | | | |
| 14 | | | | | | | 14 | | | | | | | | | | |
| 16 | | | | 71349-2940 | | | 16 | | | | | | | | | | |
| 18 | | | | | | | 18 | | | | | | | | | | |
| 20 | | | | | | | 20 | | | | | | | | | | |
| 22 | | | | | | | 22 | | | | | | | | | | |
| 24 | | | | 71349-2944 | | | 24 | | | | | | | | | | |
| 26 | | | | | | | 26 | | | | | | | | | | |
| 28 | | | | | | | 28 | | | | | | | | | | |
| 30 | | | | | | | 30 | | | | | | | | | | |
| 32 | | | | | | | 32 | | | | | | | | | | |
| 34 | | | | | | | 34 | | | | | | | | | | |
| 36 | | | | | | | 36 | | | | | | | | | | |
| 38 | | | | | | | 38 | | | | | | | | | | |
| 40 | | | | 71349-2952 | | 71349-2986 | 40 | | | | | | | | | | |
| 42 | | | | | | | 42 | | | | | | | | | | |
| 44 | | | | | | | 44 | | | | | | | | | | |
| 46 | | | | | | | 46 | | | | | | | | | | |
| 48 | | | | | | | 48 | | | | | | | | | | |
| 50 | | | | | | | 50 | | | | | | | | | | |
| 52 | | | | | | | 52 | | | | | | | | | | |
| 54 | | | | | | | 54 | | | | | | | | | | |
| 56 | | | | | | | 56 | | | | | | | | | | |
| 58 | | | | | | | 58 | | | | | | | | | | |
| 60 | | | | | | 71349-2996 | 60 | | | | | | | | | | |
| 62 | | | | | | | 62 | | | | | | | | | | |
| 64 | | | | | | | 64 | | | | | | | | | | |
| 66 | | | | | | | 66 | | | | | | | | | | |
| 68 | | | | | | | 68 | | | | | | | | | | |
| 70 | | | | | | | 70 | | | | | | | | | | |
| 72 | | | | | | | 72 | | | | | | | | | | |

| | | | | | | | | | | | |
|---|---------------------|---------------------------------------|--|--------------------------|--------|------------------------|----------------------|---|---------------------------|--|----------------------------------|
| SEE SHEET 1 EC NO: UCP2012-2694 DRWN: JAGUILAR 2012/02/20 CHKD: HKIPPER 2012/02/21 APPR: FSMITH 2012/02/27 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE IN/MM | | SCALE 1:1 | DESIGN UNITS INCH | THIRD ANGLE PROJECTION | | | |
| | | | | mm | INCH | DRAWN BY BSMART | DATE 02/18/2005 | TITLE SALES ASSY, WAFER-4 SIDES SHROUDED, HIGH TEMP, SMT POLAR SLOTS, .100 GRID | | | |
| | | | | 4 PLACES ± --- | ± --- | CHECKED BY BBARKER | DATE 02/18/2005 | | | | |
| | | | | 3 PLACES ± --- | ± .005 | APPROVED BY SMILLER | | DATE 2011/07/22 | MOLEX INCORPORATED | | MATERIAL NO. SEE TABLE |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

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