

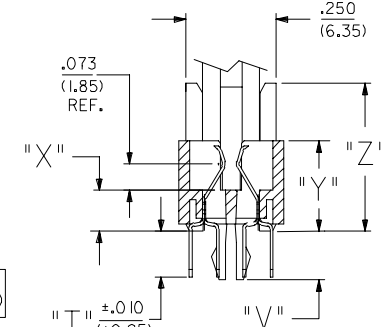
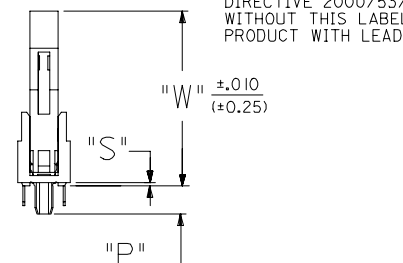
- NOTES:
- CARD SLOT ACCEPTS .050±.004 (1.27±0.10) MODULE THICKNESS. (MEASURED OVER P.C. PADS).
 - ALL PEGS ARE INTERFERENCE FITS TO PCB UNLESS NOTED .
 - REFER TO PRODUCT SPEC PS-71243-9999 FOR PERFORMANCE SPECIFICATIONS.
 - PRODUCT IS PACKAGED IN TRAYS PER PK-70873-0609.
 - RECOMMENDED MODULE LAYOUT SHALL BE PER SHEET 2.
 - RECOMMENDED PLATING ON MODULE PADS: 30 MICROINCH/(0.76 MICROMETER) MINIMUM HARD GOLD (Au) OVER 79 MICROINCH/(2.0 MICROMETER) MINIMUM NICKEL (Ni).
 - PRODUCT WILL HAVE DATE CODE STAMPED ON SIDE OF HOUSING.

MATERIALS:

- HOUSING - GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL 94V-0, COLOR: BLACK.
- TERMINAL - PHOSPHOR BRONZE
- LATCHES - GLASS FILLED HIGH TEMPERATURE NYLON, UL 94V-0, COLOR: IVORY.

PLATING:
SEE SHEET 2.

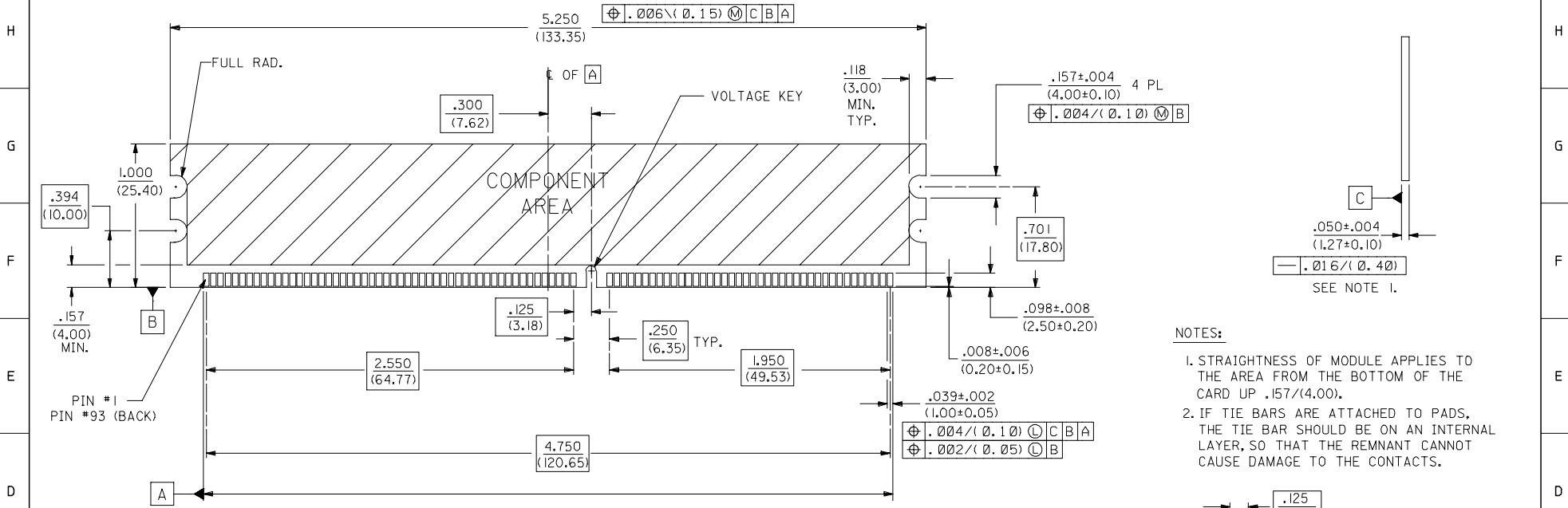
NOTE FOR LEAD FREE CONVERSION:
THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.



| | |
|-----|-----|
| 2 | E |
| 1 | E |
| SHT | REV |

| UPDATE REV LEVEL EC NO: UCP2005-2368 05/04/29 DRW:BSWART CHK:BSWART APPR:SMILLER 2005/05/03 2005/05/05 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .13</td> <td>± .005</td> </tr> <tr> <td>3 PLACES</td> <td>± .13</td> <td>± .01</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .01</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .01</td> </tr> </table> | | | mm | INCH | 4 PLACES | ± .13 | ± .005 | 3 PLACES | ± .13 | ± .01 | 2 PLACES | ± 0.13 | ± .01 | 1 PLACE | ± 0.25 | ± .01 | DIMENSION STYLE IN/MM | SCALE 2:1 | DESIGN UNITS INCH | THIRD ANGLE PROJECTION |
|---|---------------------|---|--------------------------------|---------------------|--------------------|---|----------|-------|--------|----------|-------|-------|----------|--------|-------|---------|--------|-------|--------------------------|--------------|----------------------|------------------------|
| | | | mm | INCH | | | | | | | | | | | | | | | | | | |
| 4 PLACES | ± .13 | ± .005 | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± .13 | ± .01 | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.13 | ± .01 | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.25 | ± .01 | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY JCL | DATE 09/25/1997 | CHECKED BY JCL | DATE 09/25/1997 | APPROVED BY JCL | DATE 09/25/1997 | TITLE SALES ASSEMBLY .050/1.27 PITCH SINGLE KEY 184 CKT DDR DIMM MOLEX INCORPORATED | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. SEE TABLE | DOCUMENT NO. SDA-71243-3*** | SHEET NO. 1 OF 2 | | 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 | PART NUMBER | DESCRIPTION | VOLTAGE KEY | PEG A | PEG B | PEG C | DIM. "P" | DIM. "S" | DIM. "T" | DIM. "V" | DIM. "W" | DIM. "X" | DIM. "Y" | DIM. "Z" | LATCH COLOR | TERMINAL TYPE |
| J | 71243-3001 | 1.8 VOLT VDDQ | CENTER | PLASTIC PEG | METAL FORKLOCK | PLASTIC PEG | .155 (3.94) | .020 (0.51) | .127 (3.23) | .135 (3.43) | .970 (24.64) | .113 (2.87) | .250 (6.35) | .410 (10.41) | WHITE | NOT LUBRICATED |
| | 71243-3002 | 2.5 VOLT VDDQ | OFFSET LEFT | PLASTIC PEG | METAL FORKLOCK | PLASTIC PEG | .155 (3.94) | .020 (0.51) | .127 (3.23) | .135 (3.43) | .970 (24.64) | .113 (2.87) | .250 (6.35) | .410 (10.41) | WHITE | NOT LUBRICATED |
| I | 71243-3004 | 1.8 VOLT VDDQ | CENTER | PLASTIC PEG | METAL FORKLOCK | PLASTIC PEG | .155 (3.94) | .020 (0.51) | .127 (3.23) | .135 (3.43) | .970 (24.64) | .113 (2.87) | .250 (6.35) | .410 (10.41) | WHITE | LUBRICATED |
| | 71243-3005 | 2.5 VOLT VDDQ | OFFSET LEFT | PLASTIC PEG | METAL FORKLOCK | PLASTIC PEG | .155 (3.94) | .020 (0.51) | .127 (3.23) | .135 (3.43) | .970 (24.64) | .113 (2.87) | .250 (6.35) | .410 (10.41) | WHITE | LUBRICATED |
| | 71243-3007 | 2.5 VOLT VDDQ | OFFSET LEFT | PLASTIC PEG | NONE | PLASTIC PEG | .155 (3.94) | .020 (0.51) | .127 (3.23) | | .970 (24.64) | .113 (2.87) | .250 (6.35) | .410 (10.41) | WHITE | NOT LUBRICATED |
| | 71243-3009 | 1.8 VOLT VDDQ | CENTER | PLASTIC PEG | METAL FORKLOCK | PLASTIC PEG | .155 (3.94) | .020 (0.51) | .127 (3.23) | .135 (3.43) | .970 (24.64) | .113 (2.87) | .250 (6.35) | .410 (10.41) | BLACK | NOT LUBRICATED |



RECOMMENDED MODULE LAYOUT
184 CKT 3.3V SHOWN

PLATING:

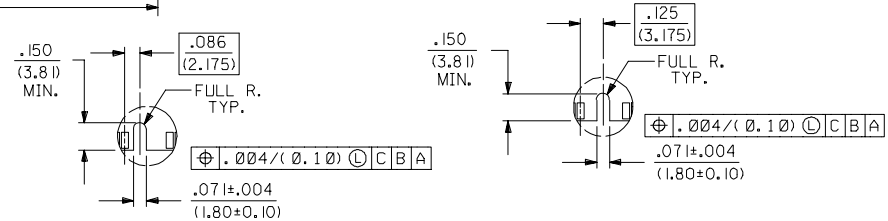
CONTACT AREA NOT LUBRICATED:
GOLD (Au) FLASH: THICKNESS=2-10 MICROINCH/(0.05-0.25 MICRO METER),
OVER PALLADIUM-NICKEL (Pd-NI): THICKNESS=30 MICROINCH/(0.76 MICROMETER) MINIMUM.

CONTACT AREA LUBRICATED:
MOLEX EBI LUBRICANT APPLIED OVER GOLD (Au) FLASH:
THICKNESS=2-10 MICROINCH/(0.05-0.25 MICRO METER),
OVER PALLADIUM-NICKEL (Pd-NI): THICKNESS=30 MICROINCH/(0.76 MICROMETER) MINIMUM.

SOLDER TAILS:
TIN (Sn): THICKNESS=150 MICROINCH/(3.81 MICROMETER) MINIMUM.

UNDERPLATE:
NICKEL (Ni) OVER ENTIRE TERMINAL.

- NOTES:
1. STRAIGHTNESS OF MODULE APPLIES TO THE AREA FROM THE BOTTOM OF THE CARD UP .157/(4.00).
 2. IF TIE BARS ARE ATTACHED TO PADS, THE TIE BAR SHOULD BE ON AN INTERNAL LAYER, SO THAT THE REMNANT CANNOT CAUSE DAMAGE TO THE CONTACTS.



| | | | | | | |
|---|-------------------------------|---|--------------------------------|--|----------------------|------------------------|
| ADD 71243-3009 FC NO: UCP2005-2368 MORNINGSMART 2005/04/29 CHKDHSWART 2005/05/03 APPR:SMILLER 2005/05/05 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE IN/MM | SCALE 2:1 | DESIGN UNITS INCH | THIRD ANGLE PROJECTION |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± --- ANGULAR ±1/2° | DRAWN BY JCL | DATE 09/25/1997 | CHECKED BY JCL | DATE 09/25/1997 |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. SEE TABLE | DOCUMENT NO. SDA-71243-3*** | SALES ASSEMBLY 0505/1.27 PITCH SINGLE KEY 184 CKT DDR DIMM MOLEX INCORPORATED | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | SHEET NO. 2 OF 2 | | | | |