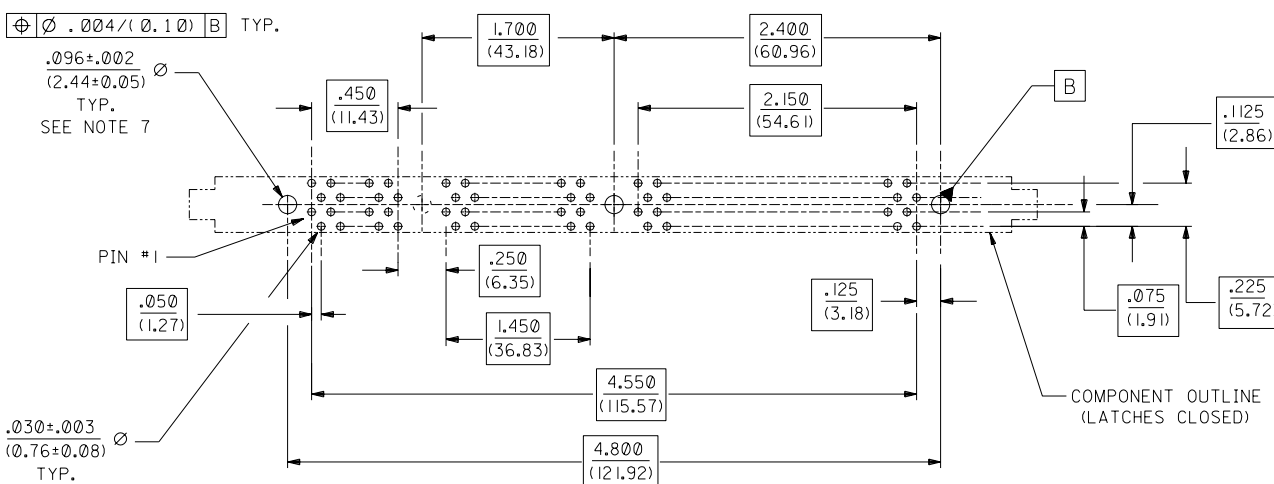
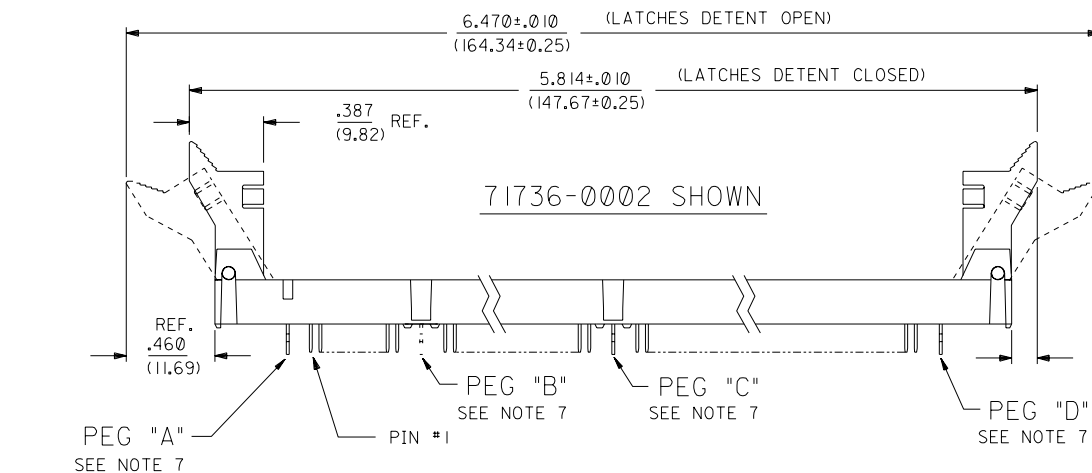
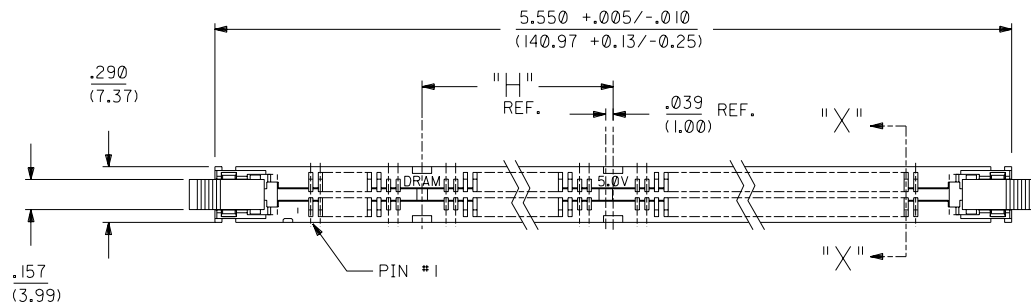




RECOMMENDED  
P.C. BOARD HOLE PATTERN  
(CONNECTOR SIDE)

# NOTES:

1. CARD SLOT ACCEPTS .050 ± 0.004 (1.27 ± 0.10) MODULE THICKNESS. (MEASURED OVER P.C. PADS).
2. RECOMMENDED PCB THICKNESS: .062 ± 0.007 (1.57 ± 0.18)
3. REFER TO PRODUCT SPEC PS-71243-9999 FOR PERFORMANCE SPECIFICATIONS.
4. PRODUCT IS PACKAGED IN TRAYS.
5. RECOMMENDED MODULE LAYOUT SHALL BE PER JEDEC MO-161.
6. RECOMMENDED PLATING ON MODULE PADS: 30 MICROINCH (0.76 MICROMETER) MINIMUM HARD GOLD (Au) OVER 79 MICROINCH (2.0 MICROMETER) MINIMUM NICKEL (Ni).
7. SEE CHART FOR FORK/HOLE PRESENCE AND PLATING OPTION.
8. 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.  
FORKLOCKS - STAINLESS STEEL

## PLATING:

CONTACT AREA: OPTION A: GOLD (Au) FLASH; THICKNESS=2-10 MICROINCH (0.05-0.25 MICROMETER), OVER PALLADIUM-NICKEL (Pd-Ni); THICKNESS=30 MICROINCH (0.76 MICROMETER) MINIMUM.  
OPTION B: GOLD (Au) FLASH; THICKNESS=2-10 MICROINCH (0.05-0.25 MICROMETER), OVER PALLADIUM-NICKEL (Pd-Ni); THICKNESS=20 MICROINCH (0.51 MICROMETER) MINIMUM.

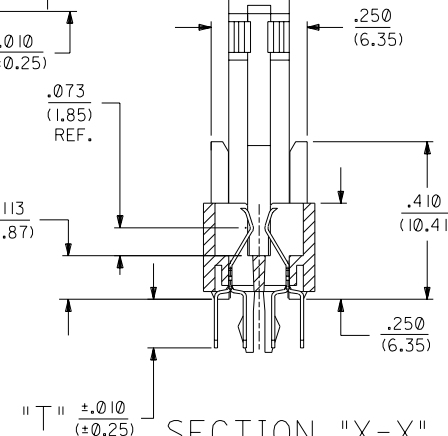
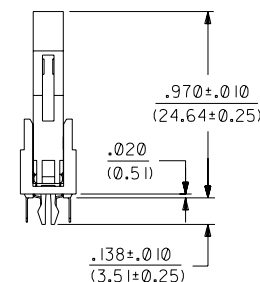
SOLDER TAILS: TIN (Sn); THICKNESS=150 MICROINCH (3.81 MICROMETER) MINIMUM.

UNDERPLATE: NICKEL (Ni) OVER ENTIRE CONTACT.

FORKLOCKS: NONE

## 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.



SECTION "X-X"

SCALE 4:1

| REV. | REV. | LTR. | REVISIONS |
|------|------|------|-----------|
| 3    | D3   |      |           |
| 2    | D3   |      |           |
| 1    | E1   |      |           |

| DIMENSIONS SHOWN (METRIC) INCH                                                                                         |               | UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2° |         |
|------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------|---------|
| INCH                                                                                                                   | METRIC        | INCH                                                  | METRIC  |
| 3 PLACE ± .005                                                                                                         | ---           | 2 PLACE ± ---                                         | ± 0.13  |
| 1 PLACE ---                                                                                                            | ± 0.25        | ---                                                   | ± 0.25  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                   |               |                                                       |         |
| DRWG. BY JCL                                                                                                           | CHK'D. BY DCB | SCALE 2:1                                             |         |
| FILE NAME 571736-01                                                                                                    | APP'D. BY DCB | DATE 12/06/95                                         | SIZE CP |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |               |                                                       |         |

TITLE  
.050 PITCH MULTI-KEY DIMM  
TALL LATCH RAM ASSEMBLY  
W/FORKLOCKS - SALES DWG

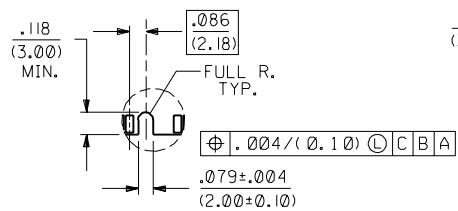
MOLEX INCORPORATED  
SHEET NO. 1 OF 3  
DATE 12/06/95

SEE CHART SDA-71736-0\*\*\*

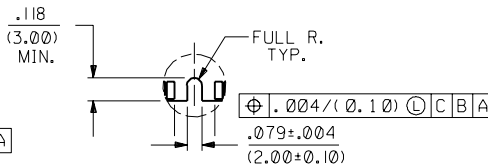
| 13      |                         | 12          |                         | 11    |                 | 10             |         | 9       |         | 8       |                  | 7              |                         | 6 |  | 71736 |  |
|---------|-------------------------|-------------|-------------------------|-------|-----------------|----------------|---------|---------|---------|---------|------------------|----------------|-------------------------|---|--|-------|--|
| X= N.T. | ITEM NO.<br>71736-0**** | CKT<br>SIZE | DESCRIPTION             | COLOR | FUNCTION<br>KEY | VOLTAGE<br>KEY | PEG "A" | PEG "B" | PEG "C" | PEG "D" | DIM. 'H'         | DIM. 'T'       | CONTACT AREA<br>PLATING |   |  |       |  |
|         | -0001                   | 168         | 3.3 VOLT<br>STD DRAM    | BLACK | CENTER          | CENTER         | FORK    | NONE    | FORK    | FORK    | 1.700<br>(43.18) | .127<br>(3.23) | OPTION A                |   |  |       |  |
|         | -0002                   | 168         | 5.0 VOLT<br>STD DRAM    | BLACK | CENTER          | OFFSET<br>LEFT | FORK    | NONE    | FORK    | FORK    | 1.700<br>(43.18) | .127<br>(3.23) | OPTION A                |   |  |       |  |
|         | -0011                   | 168         | 3.3 VOLT<br>UNBUFFERED  | BLACK | OFFSET<br>RIGHT | CENTER         | FORK    | NONE    | FORK    | FORK    | 1.661<br>(42.19) | .127<br>(3.23) | OPTION A                |   |  |       |  |
|         | -0005                   | 168         | 5.0 VOLT<br>UNBUFFERED  | BLACK | OFFSET<br>RIGHT | OFFSET<br>LEFT | FORK    | NONE    | FORK    | FORK    | 1.661<br>(42.19) | .127<br>(3.23) | OPTION A                |   |  |       |  |
|         | -0006                   | 168         | 3.3 VOLT<br>SYNCHRONOUS | BLACK | OFFSET<br>LEFT  | CENTER         | FORK    | NONE    | FORK    | FORK    | 1.739<br>(44.17) | .127<br>(3.23) | OPTION A                |   |  |       |  |
|         | -0007                   | 168         | 5.0 VOLT<br>SYNCHRONOUS | BLACK | OFFSET<br>LEFT  | OFFSET<br>LEFT | FORK    | NONE    | FORK    | FORK    | 1.739<br>(44.17) | .127<br>(3.23) | OPTION A                |   |  |       |  |

# NOTES:

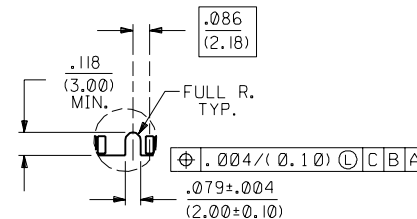
1. STRAIGHTNESS OF MODULE APPLIES TO THE AREA FROM THE BOTTOM OF THE CARD UP .157/(4.00).
2. IF TIE BARS ARE ATTACHED TO PADS, THE TIE BAR SHOULD BE ON AN INTERNAL LAYER, SO THAT THE REMNANT CANNOT CAUSE DAMAGE TO THE CONTACTS.



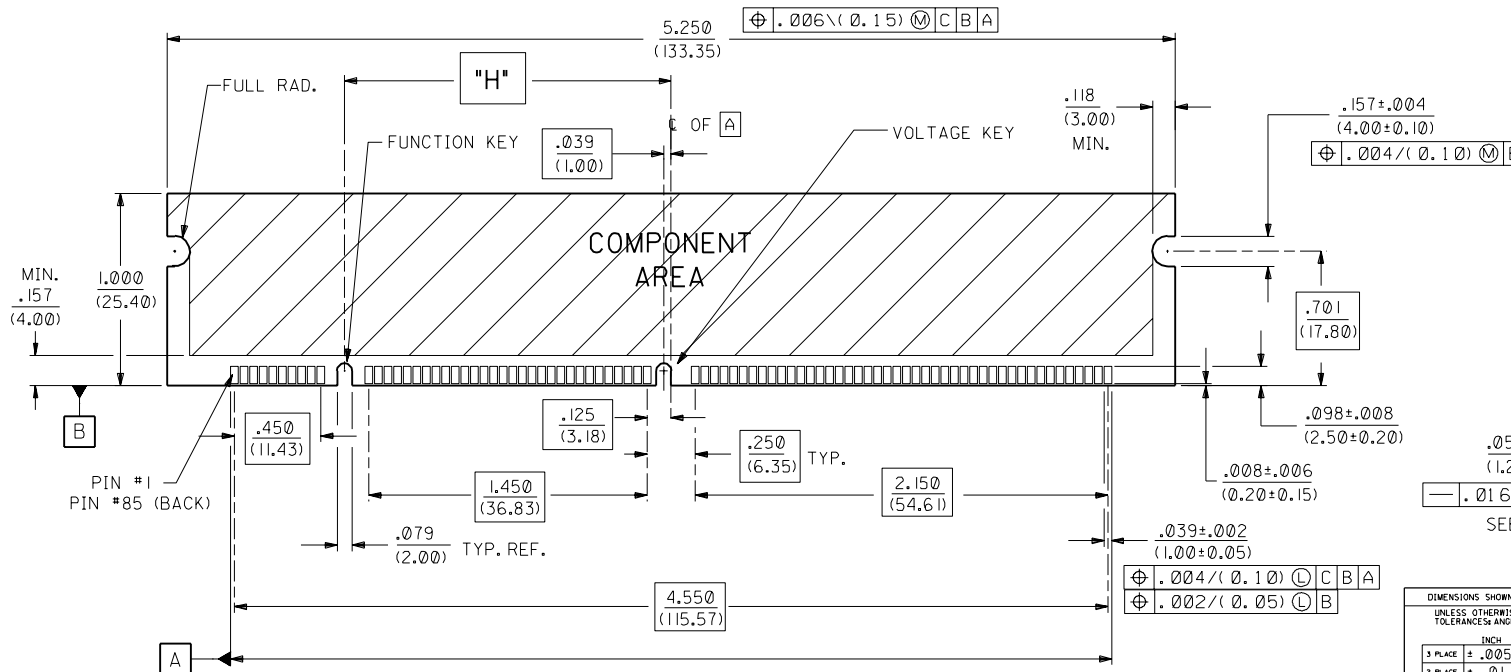
OFFSET LEFT KEY



CENTERED KEY



OFFSET RIGHT KEY



RECOMMENDED MODULE LAYOUT  
168 CKT 5.0V DRAM SHOWN

|    |             |
|----|-------------|
| D3 | SEE SHEET 1 |
| D2 | SEE SHEET 1 |
| D1 | SEE SHEET 1 |
| D  | SEE SHEET 1 |
| C  | SEE SHEET 1 |
| B  | SEE SHEET 1 |
| A  | SEE SHEET 1 |

|                                                      |                |                                                                                                                        |        |
|------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------|--------|
| DIMENSIONS SHOWN (METRIC) INCH                       |                | UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 1/2°                                                                   |        |
| 5 PLACE                                              | ± .005         | INCH                                                                                                                   | METRIC |
| 2 PLACE                                              | ± .01          | ± 0.13                                                                                                                 |        |
| 1 PLACE                                              | ---            | ± 0.25                                                                                                                 |        |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                |                                                                                                                        |        |
| DRW'G. BY: JCL                                       | CHK'D. BY: DCB | SCALE: 2: 1                                                                                                            |        |
| FILE NAME: S7173602                                  |                | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |        |
| PART NO. SDA-71736-0...                              |                | REV. 1                                                                                                                 |        |
| SHEET NO. 2                                          |                | DATE 12/06/95                                                                                                          |        |
| MOLEX INCORPORATED                                   |                | U.S.A.                                                                                                                 |        |