

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0712510005](#)  
**Status:** **Active**  
**Description:** 1.27mm (.050") Pitch DIMM Socket, Vertical, Multiple Keys, Plastic Peg, 168 Circuits, 5.0V Unbuffered

**Documents:**

[3D Model](#) [Product Specification PS-71243-9999 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

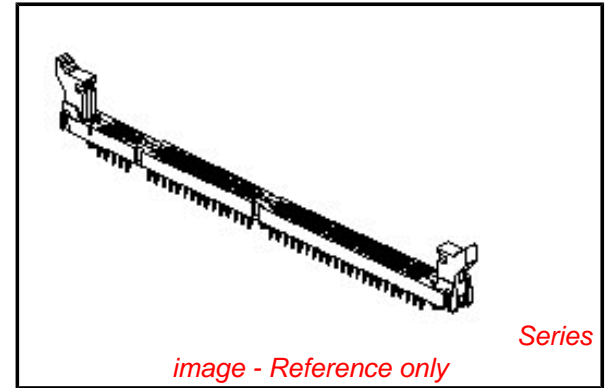
Product Family Memory Module Sockets  
 Series [71251](#)  
 Comments Function Key Offset Right, Voltage Key Offset Left  
 Component Type Memory Module  
 JEDEC Outline MO-161  
 Product Name DIMM

**Physical**

Circuits (Loaded) 168  
 Circuits (maximum) 168  
 Color - Resin Black, Natural  
 Durability (mating cycles max) 25  
 Entry Angle Vertical (Top Entry)  
 Flammability 94V-0  
 Function Key Offset Right  
 Keying to Mating Part Yes  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 PC Tail Length (in) 0.102 In  
 PC Tail Length (mm) 2.59 mm  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness Recommended (in) 0.062 In  
 PCB Thickness Recommended (mm) 1.57 mm  
 Packaging Type Tray  
 Pitch - Mating Interface (in) 0.050 In  
 Pitch - Mating Interface (mm) 1.27 mm  
 Pitch - Term. Interface (in) 0.050 In  
 Pitch - Term. Interface (mm) 1.27 mm  
 Plating min: Mating (µin) 2  
 Plating min: Mating (µm) 0.05  
 Plating min: Termination (µin) 150  
 Plating min: Termination (µm) 3.81  
 Temperature Range - Operating -40°C to +85°C  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 1A  
 Voltage - Maximum 100V AC (RMS)/DC  
 Voltage Key Left



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
 Not Reviewed  
**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**

[71251Series](#)

**Mates With**

JEDEC MO-161 modules

**Solder Process Data**

Lead-free Process Capability

Wave Capable (TH only)

**Material Info****Reference - Drawing Numbers**

Product Specification

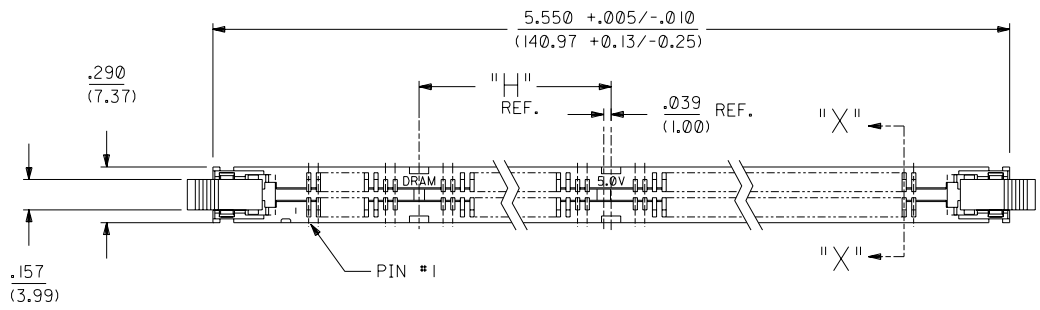
PS-71243-9999

Sales Drawing

SDA-71251-0\*\*\*

This document was generated on 04/13/2010

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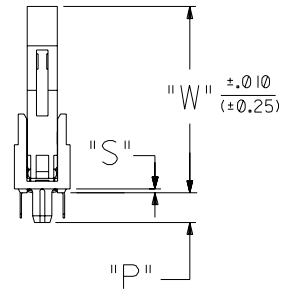


- NOTES:
- CARD SLOT ACCEPTS  $.050 \pm .004$  (1.27  $\pm 0.10$ ) MODULE THICKNESS. (MEASURED OVER P.C. PADS).
  - ALL PEGS ARE INTERFERENCE FITS TO PCB UNLESS NOTED ON THE DWG.
  - REFER TO PRODUCT SPEC PS-71243-9999 FOR PERFORMANCE SPECIFICATIONS.
  - PRODUCT IS PACKAGED IN TRAYS.
  - RECOMMENDED MODULE LAYOUT SHALL BE PER JEDEC MO-161.
  - RECOMMENDED PLATING ON MODULE PADS: 30 MICROINCH/(0.76 MICROMETER) MINIMUM HARD GOLD (Au) OVER 79 MICROINCH/(2.0 MICROMETER) MINIMUM NICKEL (Ni).
  - SEE CHART FOR HOLE SIZE AND PRESENCE AND PLATING OPTION.
  - PRODUCT WILL HAVE DATE CODE STAMPED ON SIDE OF HOUSING.

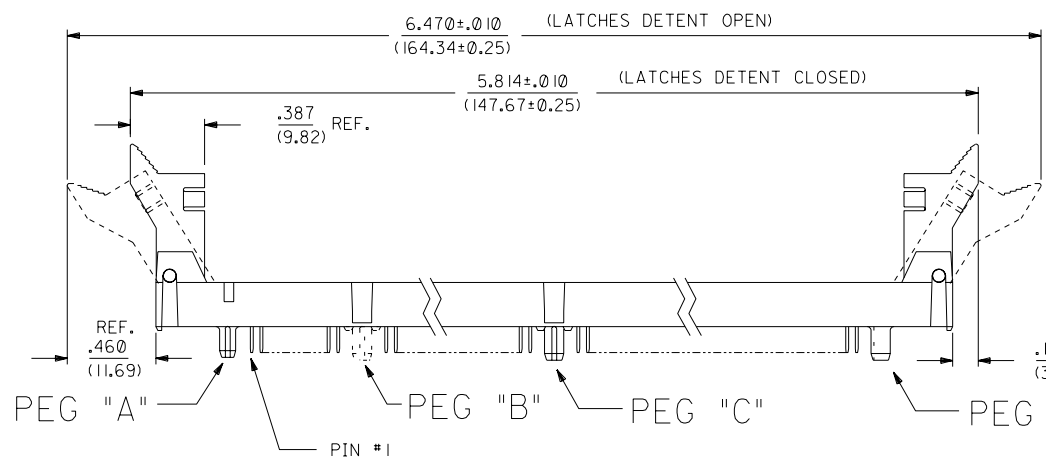
MATERIALS:  
 HOUSING - GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL 94V-0, COLOR: BLACK.  
 TERMINAL - PHOSPHOR BRONZE  
 LATCHES - GLASS FILLED HIGH TEMPERATURE NYLON, UL 94V-0, COLOR: IVORY.

PLATING:  
 CONTACT AREA: OPTION A: GOLD (Au) FLASH; THICKNESS=2-10 MICROINCH/(0.05-0.25 (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.

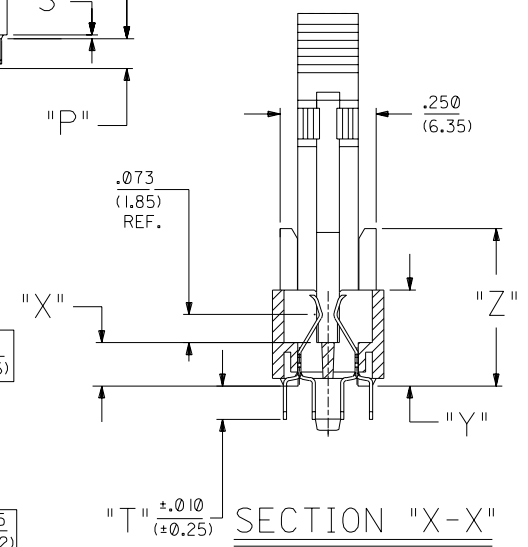
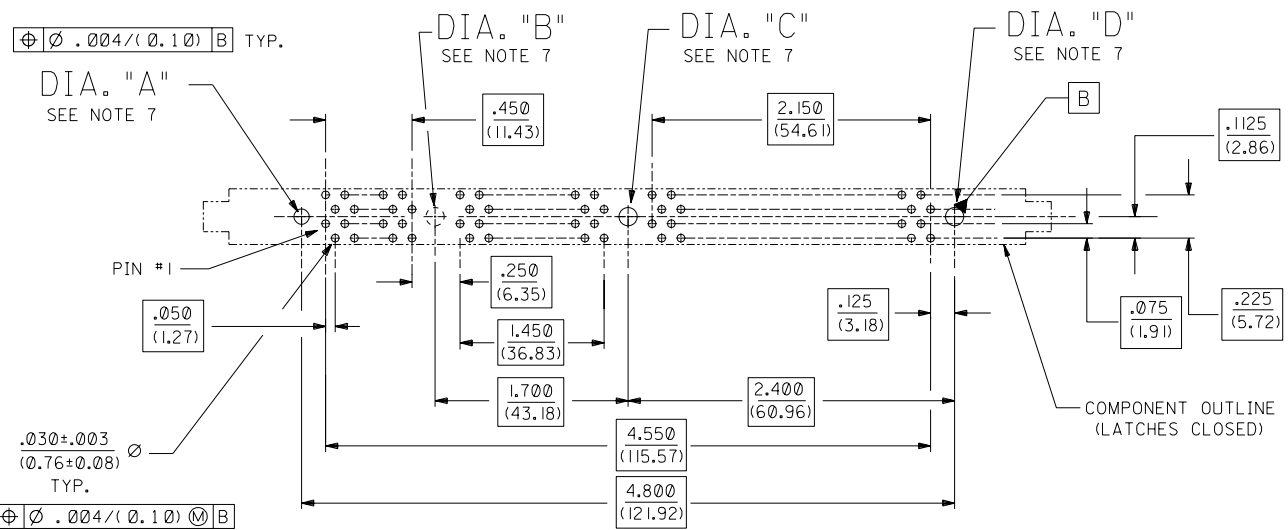
SOLDER TAILS: TIN (Sn); THICKNESS=150 MICROINCH/(3.81 MICROMETER) MINIMUM.  
 UNDERPLATE: NICKEL (Ni) OVER ENTIRE CONTACT.



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.



71251-0004 SHOWN



SECTION "X-X"  
 SCALE 4:1

|    |   |
|----|---|
| H1 | ADD LEAD FREE NOTE ECR# UC2004-1732 DMORGAN 04/03/09  |
| H  | RELEASE -0027 ECR# UD2000-1151 DMORGAN 00/05/19       |
| H  | RELEASE -0027 ECR# UD2000-1151 DMORGAN 00/05/19       |
| G  | CHG Sn-Pb THICKNESS ECR# UD1999-0454 DMORGAN 99/08/09 |
| F3 | REVISED PER ECR# U80435 97-8-8 LAURX                  |
| F2 | REVISED PER ECR# U71162 97-4-15 LAURX                 |
| F1 | REVISED PER ECR# U70361 96-10-9 LAURX                 |
| F  | REVISED PER ECR# U61133 96-9-25 LAURX                 |
| E1 | REVISED PER ECR# U60836 1-19-96 JCL                   |
| E  | REVISED PER ECR# U60682 12-7-95 JCL                   |
| D2 | REVISED PER ECR# U60452 10-10-95 JCL                  |
| D1 | REVISED PER ECR# U60361 9-18-95 JCL                   |
| D  | REVISED PER ECR# U51288 8-4-95 JCL                    |

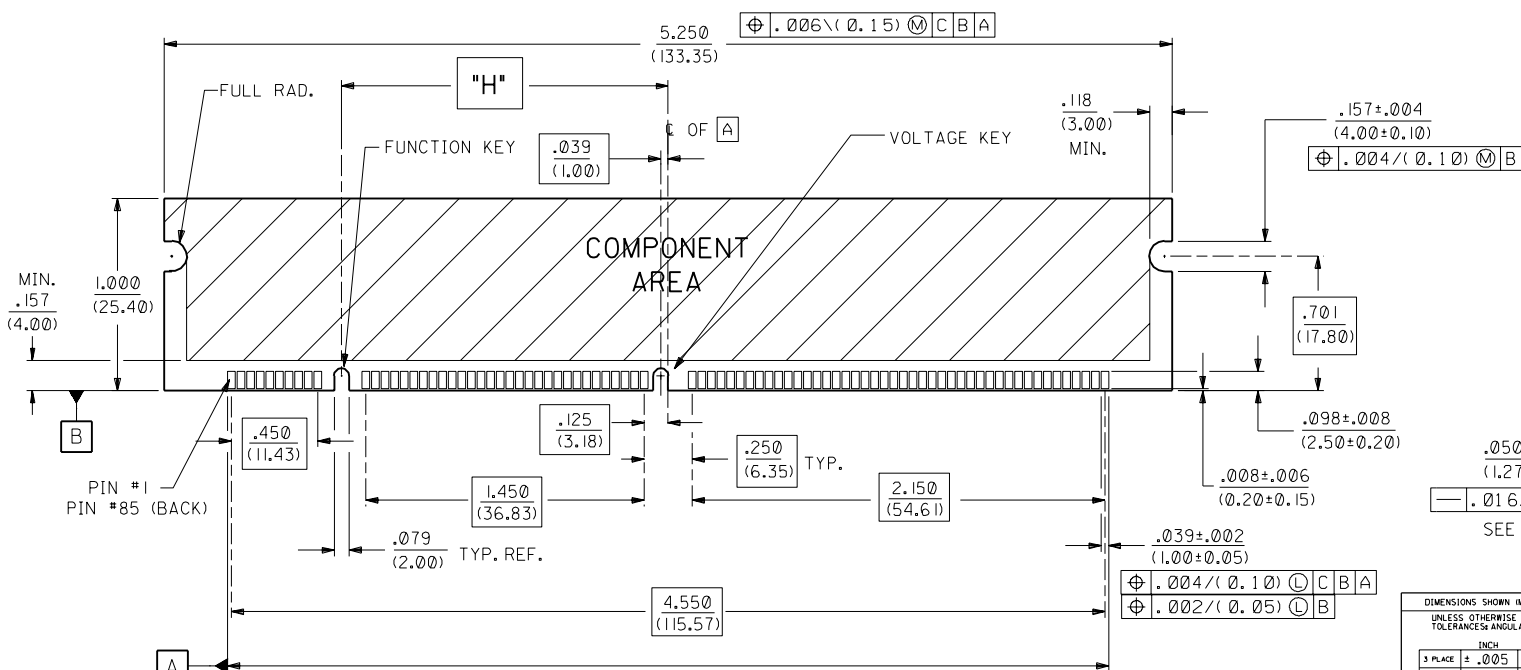
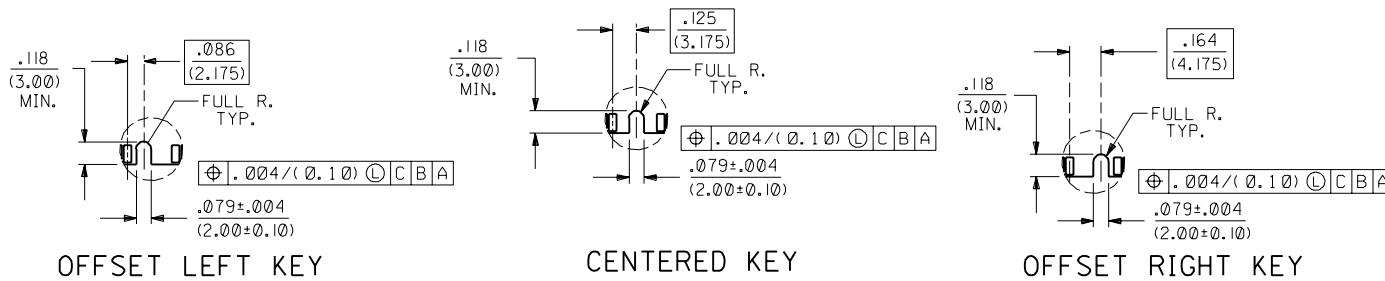
|   |        |  |  |
|---|--------|--|--|
| DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 1/2^\circ$ |        | REVISE ONLY ON CAD SYSTEM  |  |
| 3 PLAGE $\pm .005$  | INCH   | TITLE  |  |
| 2 PLAGE $\pm \dots \pm 0.13$  | METRIC | .050/(1.27) PITCH MULTI-KEY 168 CKT DIMM RAM ASSY 17.8mm LATCH SALES DWG   |  |
| 1 PLAGE $\dots \pm 0.25$  |        | MOLEX INCORPORATED SHEET NO. DATE U.S.A. 1 OF 3 10/10/94   |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |        | PART NO. DRWG. NO.   |  |
| DRWG. DCB CHK'D BY DCB  |        | SEE CHART SDA-71251-0***   |  |
| APPR'D BY DCB SCALE 2:1   |        | FILE NAME ST125101.DGN THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |

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

| PART NUMBER | COLOR | DESCRIPTION          | FUNCTION KEY | VOLTAGE KEY | DIA. "A"                 | DIA. "B" | DIA. "C"                               | DIA. "D"                               | DIM. "H"         | DIM. "P"       | DIM. "S"       | DIM. "T"       | DIM. "W"        | DIM. "X"       | DIM. "Y"       | DIM. "Z"        | CONTACT AREA PLATING |
|-------------|-------|----------------------|--------------|-------------|--------------------------|----------|--|--|------------------|----------------|----------------|----------------|-----------------|----------------|----------------|-----------------|----------------------|
| 71251-0001  | BLACK | 3.3 VOLT STD DRAM    | CENTER       | CENTER      | .080±.002<br>(2.03±0.05) | NONE     | .093 +.003/-0.000<br>(2.36+0.08/-0.00) | .093 +.003/-0.000<br>(2.36+0.08/-0.00) | 1.700<br>(43.18) | .155<br>(3.94) | .020<br>(0.51) | .127<br>(3.23) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | OPTION A             |
| 71251-0004  | BLACK | 5.0 VOLT STD DRAM    | CENTER       | OFFSET LEFT | .080±.002<br>(2.03±0.05) | NONE     | .093 +.003/-0.000<br>(2.36+0.08/-0.00) | .093 +.003/-0.000<br>(2.36+0.08/-0.00) | 1.700<br>(43.18) | .155<br>(3.94) | .020<br>(0.51) | .127<br>(3.23) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | OPTION A             |
| 71251-0012  | BLACK | 3.3 VOLT UNBUFFERED  | OFFSET RIGHT | CENTER      | .080±.002<br>(2.03±0.05) | NONE     | .093 +.003/-0.000<br>(2.36+0.08/-0.00) | .093 +.003/-0.000<br>(2.36+0.08/-0.00) | 1.661<br>(42.19) | .155<br>(3.94) | .020<br>(0.51) | .127<br>(3.23) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | OPTION A             |
| 71251-0013  | BLACK | 5.0 VOLT UNBUFFERED  | OFFSET RIGHT | OFFSET LEFT | .080±.002<br>(2.03±0.05) | NONE     | .093 +.003/-0.000<br>(2.36+0.08/-0.00) | .093 +.003/-0.000<br>(2.36+0.08/-0.00) | 1.661<br>(42.19) | .155<br>(3.94) | .020<br>(0.51) | .127<br>(3.23) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | OPTION A             |
| 71251-0016  | BLACK | 3.3 VOLT SYNCHRONOUS | OFFSET LEFT  | CENTER      | .080±.002<br>(2.03±0.05) | NONE     | .093 +.003/-0.000<br>(2.36+0.08/-0.00) | .093 +.003/-0.000<br>(2.36+0.08/-0.00) | 1.739<br>(44.17) | .155<br>(3.94) | .020<br>(0.51) | .127<br>(3.23) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | OPTION A             |
| 71251-0017  | BLACK | 5.0 VOLT SYNCHRONOUS | OFFSET LEFT  | OFFSET LEFT | .080±.002<br>(2.03±0.05) | NONE     | .093 +.003/-0.000<br>(2.36+0.08/-0.00) | .093 +.003/-0.000<br>(2.36+0.08/-0.00) | 1.739<br>(44.17) | .155<br>(3.94) | .020<br>(0.51) | .127<br>(3.23) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | 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.



|    |             |
|----|-------------|
| F3 | SEE SHEET I |
| F2 | SEE SHEET I |
| F1 | SEE SHEET I |
| F  | SEE SHEET I |
| E1 | SEE SHEET I |
| E  | SEE SHEET I |
| D2 | SEE SHEET I |
| D1 | SEE SHEET I |
| D  | SEE SHEET I |
| C  | SEE SHEET I |
| B1 | SEE SHEET I |
| B  | SEE SHEET I |
| A  | SEE SHEET I |

|  |        |  |              |
|--|--------|--|--------------|
| DIMENSIONS SHOWN (METRIC) INCH<br>UNLESS OTHERWISE SPECIFIED<br>TOLERANCES ANGULAR ± 1/2°                              |        | TITLE<br>.050/(1.27) PITCH MULTI-KEY<br>168 CKT DIMM RAM ASSY<br>17.8mm LATCH SALES DWG. |              |
| 3 PLACE ± .005   | INCH   | DATE   | 10 / 10 / 94 |
| 2 PLACE ± .01  | METRIC | SHEET NO.  | 2            |
| 1 PLACE --- ± 0.25   |        | DRAWN BY   | CP           |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS   |        | MFG. SH. REV. LTR. REVISIONS   |              |
| DRAWN BY: DCB  |        | PART NO. SDA-71251-0   |              |
| CHK'D BY: DCB  |        | FILE NAME: ST 25102  |              |
| APP'D BY: DCB  |        | SCALE: 2: 1  |              |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |        | DIV. CP  |              |

| J | PART NUMBER | COLOR | DESCRIPTION          | FUNCTION KEY | VOLTAGE KEY | DIA. "A"                                       | DIA. "B"                                       | DIA. "C"                                       | DIA. "D"                                       | DIM. "H"         | DIM. "P"       | DIM. "S"       | DIM. "T"       | DIM. "W"        | DIM. "X"       | DIM. "Y"       | DIM. "Z"        | CONTACT AREA PLATING |
|---|-------------|-------|----------------------|--------------|-------------|--|--|--|--|------------------|----------------|----------------|----------------|-----------------|----------------|----------------|-----------------|----------------------|
|   |             |       |                      |              |             |  |  |  |  |                  |                |                |                |                 |                |                |                 |                      |
|   | 71251-0001  | BLACK | 3.3 VOLT STD DRAM    | SEE SHEET 2  |             |  |  |  |  |                  |                |                |                |                 |                |                |                 | OPTION A             |
|   | 71251-0002  | BLACK | 3.3 VOLT STD DRAM    | CENTER       | CENTER      | NONE   | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | NONE   | 1.700<br>(43.18) | .155<br>(3.94) | .020<br>(0.51) | .127<br>(3.23) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | OPTION A             |
|   | 71251-0003  | BLACK | 5.0 VOLT STD DRAM    | CENTER       | OFFSET LEFT | NONE   | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | NONE   | 1.700<br>(43.18) | .155<br>(3.94) | .020<br>(0.51) | .127<br>(3.23) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | OPTION A             |
| I | 71251-0004  | BLACK | 5.0 VOLT STD DRAM    | SEE SHEET 2  |             |  |  |  |  |                  |                |                |                |                 |                |                |                 | OPTION A             |
|   | 71251-0005  | BLACK | 5.0 VOLT UNBUFFERED  | OFFSET RIGHT | OFFSET LEFT | $\frac{.080+.002}{(2.03\pm0.05)}$              | NONE   | NONE   | $\frac{.080+.002}{(2.03\pm0.05)}$              | 1.661<br>(42.19) | .125<br>(3.18) | .035<br>(0.89) | .102<br>(2.59) | .985<br>(25.02) | .128<br>(3.25) | .265<br>(6.73) | .425<br>(10.79) | OPTION A             |
|   | 71251-0006  | BLACK | 5.0 VOLT STD DRAM    | CENTER       | OFFSET LEFT | $\frac{.080+.002}{(2.03\pm0.05)}$              | NONE   | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | $\frac{.080+.002}{(2.03\pm0.05)}$              | 1.700<br>(43.18) | .155<br>(3.94) | .020<br>(0.51) | .127<br>(3.23) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | OPTION A             |
| H | 71251-0007  | BLACK | 3.3 VOLT STD DRAM    | CENTER       | CENTER      | $\frac{.080+.002}{(2.03\pm0.05)}$              | NONE   | $\frac{.080\pm0.02}{(2.03\pm0.05)}$            | $\frac{.080\pm0.02}{(2.03\pm0.05)}$            | 1.700<br>(43.18) | .140<br>(3.56) | .020<br>(0.51) | .127<br>(3.23) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | OPTION A             |
|   | 71251-0008  | BLACK | 5.0 VOLT STD DRAM    | CENTER       | OFFSET LEFT | NONE   | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | 1.700<br>(43.18) | .155<br>(3.94) | .020<br>(0.51) | .127<br>(3.23) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | OPTION A             |
|   | 71251-0009  | BLACK | 5.0 VOLT STD DRAM    | CENTER       | OFFSET LEFT | $\frac{.080+.002}{(2.03\pm0.05)}$              | NONE   | NONE   | $\frac{.080+.002}{(2.03\pm0.05)}$              | 1.700<br>(43.18) | .125<br>(3.18) | .035<br>(0.89) | .102<br>(2.59) | .985<br>(25.02) | .128<br>(3.25) | .265<br>(6.73) | .425<br>(10.79) | OPTION A             |
| G | 71251-0010  | BEIGE | 3.3 VOLT STD DRAM    | CENTER       | CENTER      | $\frac{.080+.002}{(2.03\pm0.05)}$              | NONE   | NONE   | $\frac{.080+.002}{(2.03\pm0.05)}$              | 1.700<br>(43.18) | .125<br>(3.18) | .035<br>(0.89) | .112<br>(2.84) | .985<br>(25.02) | .128<br>(3.25) | .265<br>(6.73) | .425<br>(10.79) | OPTION A             |
|   | 71251-0011  | BLACK | 3.3 VOLT STD DRAM    | CENTER       | CENTER      | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | NONE   | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | 1.700<br>(43.18) | .155<br>(3.94) | .020<br>(0.51) | .127<br>(3.23) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | OPTION A             |
|   | 71251-0012  | BLACK | 3.3 VOLT UNBUFFERED  | SEE SHEET 2  |             |  |  |  |  |                  |                |                |                |                 |                |                |                 | OPTION A             |
| F | 71251-0013  | BLACK | 5.0 VOLT UNBUFFERED  | SEE SHEET 2  |             |  |  |  |  |                  |                |                |                |                 |                |                |                 | OPTION A             |
|   | 71251-0014  | BLACK | 3.3 VOLT UNBUFFERED  | OFFSET RIGHT | CENTER      | $\frac{.080+.002}{(2.03\pm0.05)}$              | NONE   | NONE   | $\frac{.080+.002}{(2.03\pm0.05)}$              | 1.661<br>(42.19) | .125<br>(3.18) | .035<br>(0.89) | .112<br>(2.84) | .985<br>(25.02) | .128<br>(3.25) | .265<br>(6.73) | .425<br>(10.79) | OPTION A             |
|   | 71251-0015  | BLACK | 3.3 VOLT STD DRAM    | CENTER       | CENTER      | $\frac{.080+.002}{(2.03\pm0.05)}$              | NONE   | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | 1.700<br>(43.18) | .155<br>(3.94) | .020<br>(0.51) | .117<br>(2.97) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | OPTION A             |
|   | 71251-0016  | BLACK | 3.3 VOLT SYNCHRONOUS | SEE SHEET 2  |             |  |  |  |  |                  |                |                |                |                 |                |                |                 | OPTION A             |
| E | 71251-0017  | BLACK | 5.0 VOLT SYNCHRONOUS | SEE SHEET 2  |             |  |  |  |  |                  |                |                |                |                 |                |                |                 | OPTION A             |
|   | 71251-0018  | BLACK | 3.3 VOLT UNBUFFERED  | OFFSET RIGHT | CENTER      | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | NONE   | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | 1.661<br>(42.19) | .140<br>(3.56) | .035<br>(0.89) | .102<br>(2.59) | .985<br>(25.02) | .128<br>(3.25) | .265<br>(6.73) | .425<br>(10.79) | OPTION A             |
|   | 71251-0019  | BLACK | 5.0 VOLT STD DRAM    | CENTER       | OFFSET LEFT | NONE   | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | NONE   | 1.700<br>(43.18) | .155<br>(3.94) | .020<br>(0.51) | .127<br>(3.23) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | OPTION B             |
| D | 71251-0020  | BLACK | 3.3 VOLT STD DRAM    | CENTER       | CENTER      | $\frac{.080+.002}{(2.03\pm0.05)}$              | NONE   | $\frac{.080\pm0.02}{(2.03\pm0.05)}$            | $\frac{.080\pm0.02}{(2.03\pm0.05)}$            | 1.700<br>(43.18) | .140<br>(3.56) | .020<br>(0.51) | .127<br>(3.23) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | OPTION B             |
|   | 71251-0021  | BLACK | 3.3 VOLT STD DRAM    | CENTER       | CENTER      | $\frac{.080+.002}{(2.03\pm0.05)}$              | NONE   | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | 1.700<br>(43.18) | .155<br>(3.94) | .020<br>(0.51) | .127<br>(3.23) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | OPTION B             |
|   | 71251-0022  | BLACK | 3.3 VOLT UNBUFFERED  | OFFSET RIGHT | CENTER      | $\frac{.080+.002}{(2.03\pm0.05)}$              | NONE   | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | 1.661<br>(42.19) | .155<br>(3.94) | .020<br>(0.51) | .127<br>(3.23) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | OPTION B             |
| C | 71251-0023  | BLACK | 3.3 VOLT UNBUFFERED  | OFFSET RIGHT | CENTER      | $\frac{.080+.002}{(2.03\pm0.05)}$              | NONE   | NONE   | $\frac{.080\pm0.02}{(2.03\pm0.05)}$            | 1.661<br>(42.19) | .125<br>(3.18) | .035<br>(0.89) | .102<br>(2.59) | .985<br>(25.02) | .128<br>(3.25) | .265<br>(6.73) | .425<br>(10.79) | OPTION A             |
|   | 71251-0024  | BLACK | 3.3 VOLT UNBUFFERED  | OFFSET RIGHT | CENTER      | $\frac{.080+.002}{(2.03\pm0.05)}$              | NONE   | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | 1.661<br>(42.19) | .155<br>(3.94) | .020<br>(0.51) | .105<br>(2.67) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | OPTION A             |
|   | 71251-0026  | BEIGE | 3.3 VOLT STD DRAM    | CENTER       | CENTER      | $\frac{.080+.002}{(2.03\pm0.05)}$              | NONE   | NONE   | $\frac{.080\pm0.02}{(2.03\pm0.05)}$            | 1.700<br>(43.18) | .125<br>(3.18) | .035<br>(0.89) | .090<br>(2.29) | .985<br>(25.02) | .128<br>(3.25) | .265<br>(6.73) | .425<br>(10.79) | OPTION A             |
| B | 71251-0027  | BLACK | 3.3 VOLT SYNCHRONOUS | OFFSET LEFT  | CENTER      | NONE   | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | $\frac{.093 + .003/-0.000}{(2.36+0.08/-0.00)}$ | NONE   | 1.739<br>(44.17) | .155<br>(3.94) | .020<br>(0.51) | .127<br>(3.23) | .970<br>(24.64) | .113<br>(2.87) | .250<br>(6.35) | .410<br>(10.41) | OPTION A             |

| <p>71251</p>  |            |  |  |  |  |  |  |  |  | <p>71251</p>      |  |  |  |  |                                 |        |                    |     |                   |            |             |            |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|------------|--|--|--|--|--|--|--|--|-------------------|--|--|--|--|---------------------------------|--------|--------------------|-----|-------------------|------------|-------------|------------|----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <p>DIMENSIONS SHOWN (METRIC) INCH<br/>UNLESS OTHERWISE SPECIFIED<br/>TOLERANCES ANGULAR <math>\pm 1/2^{\circ}</math></p> <table border="1"> <thead> <tr> <th>INCH</th> <th>METRIC</th> </tr> </thead> <tbody> <tr> <td>5 PLACE <math>\pm .005</math></td> <td>---</td> </tr> <tr> <td>2 PLACE <math>\pm .01</math></td> <td><math>\pm 0.13</math></td> </tr> <tr> <td>1 PLACE ---</td> <td><math>\pm 0.25</math></td> </tr> </tbody> </table> <p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p> |            |  |  |  |  |  |  |  |  |                   |  |  |  |  | INCH                            | METRIC | 5 PLACE $\pm .005$ | --- | 2 PLACE $\pm .01$ | $\pm 0.13$ | 1 PLACE --- | $\pm 0.25$ | <p>REVISE ONLY ON CAD SYSTEM</p> |  |  |  |  | <p>TITLE<br/>.050/(1.27) PITCH MULTI-KEY<br/>168 CKT DIMM RAM ASSY<br/>17.8mm LATCH SALES DWG.</p> <p>MOLEX INCORPORATED<br/>U.S.A.</p> <p>SHEET NO. 3<br/>DATE 12/07/95</p> |  |  |  |  |  |  |  |  |  |
| INCH  | METRIC     |  |  |  |  |  |  |  |  |                   |  |  |  |  |                                 |        |                    |     |                   |            |             |            |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 PLACE $\pm .005$  | ---        |  |  |  |  |  |  |  |  |                   |  |  |  |  |                                 |        |                    |     |                   |            |             |            |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 PLACE $\pm .01$   | $\pm 0.13$ |  |  |  |  |  |  |  |  |                   |  |  |  |  |                                 |        |                    |     |                   |            |             |            |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 PLACE ---   | $\pm 0.25$ |  |  |  |  |  |  |  |  |                   |  |  |  |  |                                 |        |                    |     |                   |            |             |            |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <p>SEE SHEET I</p>  |            |  |  |  |  |  |  |  |  |                   |  |  |  |  | <p>SEE CHART SDA-71251-0***</p> |        |                    |     |                   |            |             |            |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <p>DRWG. BY: DCB<br/>CHK'D BY: DCB</p>  |            |  |  |  |  |  |  |  |  | <p>SCALE: 2:1</p> |  |  |  |  |                                 |        |                    |     |                   |            |             |            |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <p>APPROV. BY: DCB</p>  |            |  |  |  |  |  |  |  |  | <p>DIV. CP</p>    |  |  |  |  |                                 |        |                    |     |                   |            |             |            |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <p>REVISIONS</p>  |            |  |  |  |  |  |  |  |  | <p>REVISIONS</p>  |  |  |  |  |                                 |        |                    |     |                   |            |             |            |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |