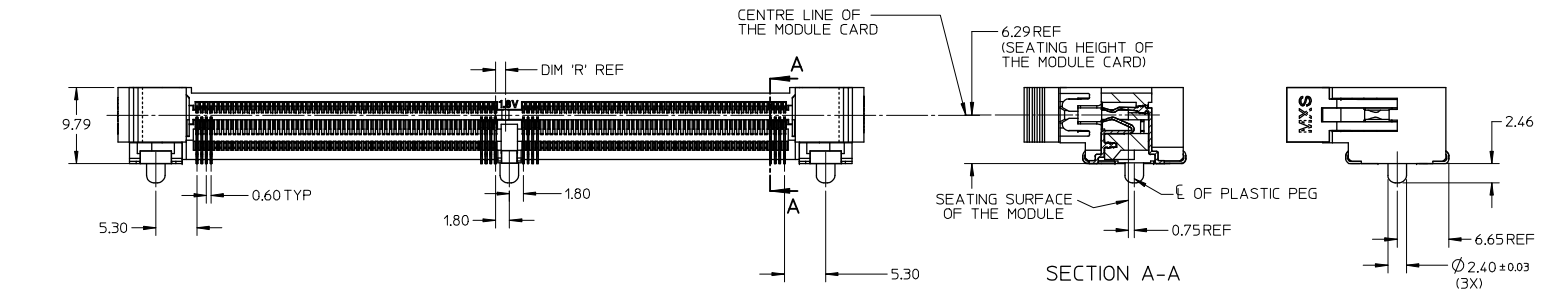


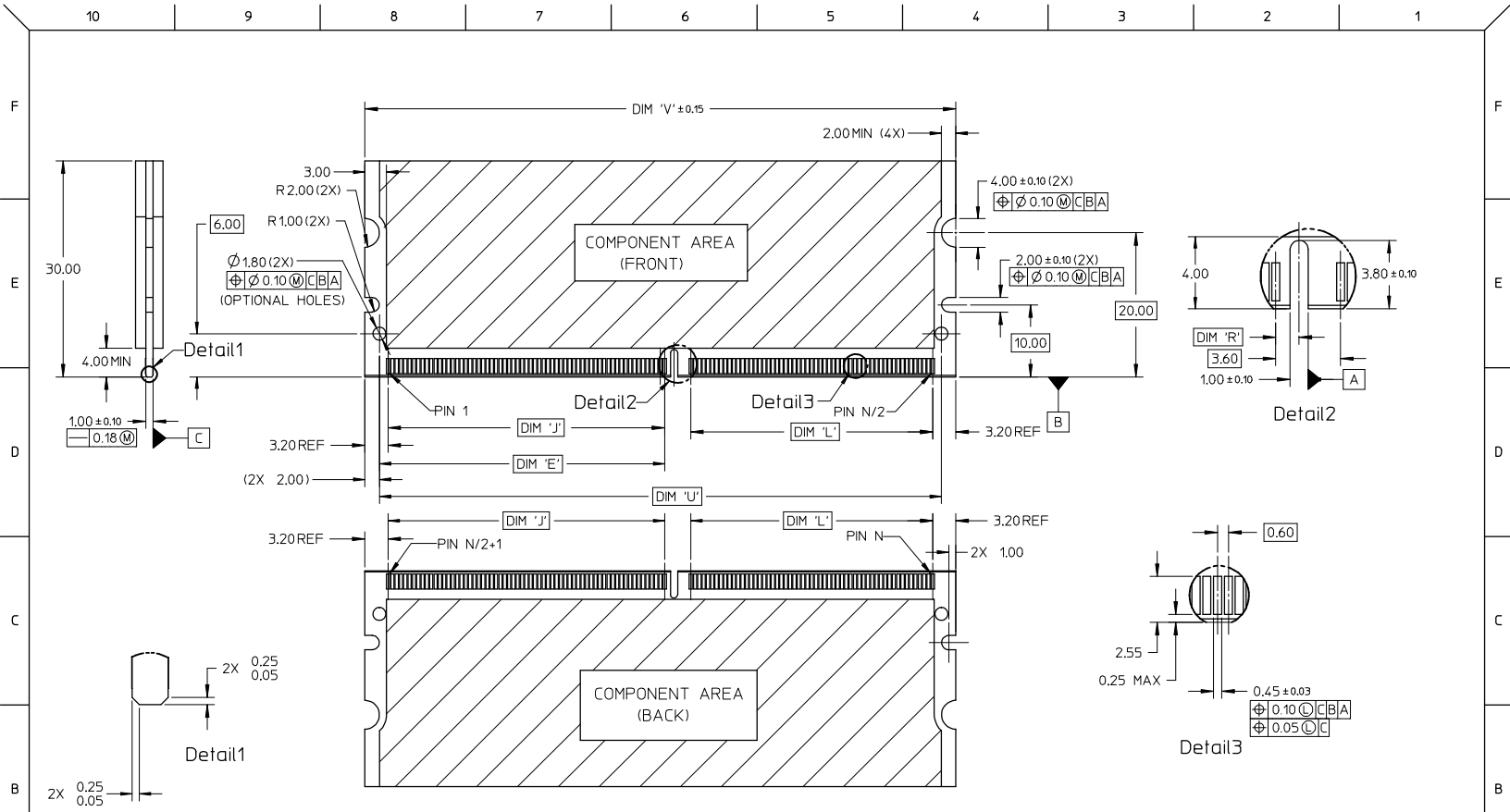
NOTES :

- MATERIAL :  
HOUSING : HIGH TEMPERATURE LIQUID CRYSTAL POLYMER, UL94V-0  
COLOUR : BLACK  
CONTACTS : COPPER ALLOY  
LATCHES : HIGH TEMPERATURE NYLON, UL94V-0,  
COLOUR : NATURAL (OFF-WHITE)
- FINISH :  
CONTACT AREA : 0.76 MICROMETER (30 MICROINCH) MIN GOLD OVER  
1.25 MICROMETER (50 MICROINCH) MIN NICKEL  
SOLDER LEADS : 2.54 MICROMETER (100 MICROINCH) MIN TIN OVER  
1.25 MICROMETER (50 MICROINCH) MIN NICKEL
- ACCEPTS 1.0 mm THICK MEMORY MODULE PER JEDEC MO-244  
FOR 244 CKTS AND MO-258 FOR 200 CKTS.
- PRODUCT SPECIFICATION : PS-78001-001
- PRODUCT SHALL BE PACKED IN TRAY. PLS REFER TO SHEET 4.

- △ . DATE CODE SHALL BE MARKED LEGIBLY AS SHOWN :YYDD
- △ . PART NUMBER SHALL BE MARKED LEGIBLY AS SHOWN.  
78001-XXXX (REFER TO TABLE)



| ADD DDR3 OPTION<br>IEC NO: S2008-1057<br>DRAWN BY: 2008/06/20<br>CHYKCGTAN<br>APPR: SHLENI 2008/06/23<br>REV DESCRIPTION   | QUALITY SYMBOLS                   | GENERAL TOLERANCES (UNLESS SPECIFIED)  | DIMENSION STYLE | SCALE      | DESIGN UNITS | THIRD ANGLE PROJECTION |       |            |             |       |       |            |        |  |         |                    |       |         |       |  |         |     |        |  |
|--|-----------------------------------|--|-----------------|------------|--------------|------------------------|-------|------------|-------------|-------|-------|------------|--------|--|---------|--------------------|-------|---------|-------|--|---------|-----|--------|--|
|  | $\nabla=0$<br>$\sphericalangle=0$ | <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>ANGULAR</td> <td colspan="2">± 1 °</td> </tr> </table> |                 | mm         | INCH         | 4 PLACES               | ± --- | ± ---      | 3 PLACES    | ± --- | ± --- | 2 PLACES   | ± 0.13 | ± ---  | 1 PLACE | ± 0.25             | ± --- | ANGULAR | ± 1 ° |  | MM ONLY | NTS | METRIC |  |
|  |                                   | mm   | INCH            |            |              |                        |       |            |             |       |       |            |        |  |         |                    |       |         |       |  |         |     |        |  |
|  | 4 PLACES                          | ± ---  | ± ---           |            |              |                        |       |            |             |       |       |            |        |  |         |                    |       |         |       |  |         |     |        |  |
| 3 PLACES   | ± ---                             | ± ---  |                 |            |              |                        |       |            |             |       |       |            |        |  |         |                    |       |         |       |  |         |     |        |  |
| 2 PLACES   | ± 0.13                            | ± ---  |                 |            |              |                        |       |            |             |       |       |            |        |  |         |                    |       |         |       |  |         |     |        |  |
| 1 PLACE  | ± 0.25                            | ± ---  |                 |            |              |                        |       |            |             |       |       |            |        |  |         |                    |       |         |       |  |         |     |        |  |
| ANGULAR  | ± 1 °                             |  |                 |            |              |                        |       |            |             |       |       |            |        |  |         |                    |       |         |       |  |         |     |        |  |
| <table border="1"> <tr> <td>DRAWN BY</td> <td>DATE</td> </tr> <tr> <td>SHLENI</td> <td>2005/03/14</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> </tr> <tr> <td>MLONG</td> <td>2005/03/31</td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> </tr> <tr> <td>GGLEE</td> <td>2005/03/31</td> </tr> </table> | DRAWN BY                          | DATE   | SHLENI          | 2005/03/14 | CHECKED BY   | DATE                   | MLONG | 2005/03/31 | APPROVED BY | DATE  | GGLEE | 2005/03/31 | TITLE  | MINI DIMM, 0.60MM PITCH<br>200/244 CKTS<br>REVERSE R/A |         | MOLEX INCORPORATED |       |         |       |  |         |     |        |  |
| DRAWN BY   | DATE                              |  |                 |            |              |                        |       |            |             |       |       |            |        |  |         |                    |       |         |       |  |         |     |        |  |
| SHLENI   | 2005/03/14                        |  |                 |            |              |                        |       |            |             |       |       |            |        |  |         |                    |       |         |       |  |         |     |        |  |
| CHECKED BY   | DATE                              |  |                 |            |              |                        |       |            |             |       |       |            |        |  |         |                    |       |         |       |  |         |     |        |  |
| MLONG  | 2005/03/31                        |  |                 |            |              |                        |       |            |             |       |       |            |        |  |         |                    |       |         |       |  |         |     |        |  |
| APPROVED BY  | DATE                              |  |                 |            |              |                        |       |            |             |       |       |            |        |  |         |                    |       |         |       |  |         |     |        |  |
| GGLEE  | 2005/03/31                        |  |                 |            |              |                        |       |            |             |       |       |            |        |  |         |                    |       |         |       |  |         |     |        |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS   | MATERIAL NO.                      | DOCUMENT NO.   | SEE TABLE       |            | SD-78001-003 | SHEET NO.<br>1 OF 4    |       |            |             |       |       |            |        |  |         |                    |       |         |       |  |         |     |        |  |



|  |                   |  |   |                    |  |              |                        |
|--|-------------------|--|---|--------------------|--|--------------|------------------------|
| ADD DDR3 OPTION<br>ELC NO: S22008-1057<br>DRAWN: MIED<br>CHKD: CGTAN<br>APPR: SHLENI<br>2008/06/20<br>2008/06/20<br>2008/06/23 | DESCRIPTION<br>B1 | QUALITY SYMBOLS  | GENERAL TOLERANCES (UNLESS SPECIFIED)   | DIMENSION STYLE    | SCALE  | DESIGN UNITS | THIRD ANGLE PROJECTION |
|  |                   | $\nabla=0$<br>$\nabla=0$                                   | mm    INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.13 ± ---<br>1 PLACE ± 0.25 ± ---<br>ANGULAR ± 1° | MM ONLY            | NTS  | METRIC       |                        |
|  |                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS | DRAWN BY: SHLENI    DATE: 2005/03/14<br>CHECKED BY: MLONG    DATE: 2005/03/31<br>APPROVED BY: GGLEE    DATE: 2005/03/31     | TITLE              | MINI DIMM, 0.60MM PITCH<br>200/244 CKTS<br>REVERSE R/A |              |                        |
|  |                   | MATERIAL NO. SEE TABLE<br>SIZE A3                          | DOCUMENT NO. SD-78001-003<br>SHEET NO. 2 OF 4   | MOLEX INCORPORATED |  |              |                        |

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

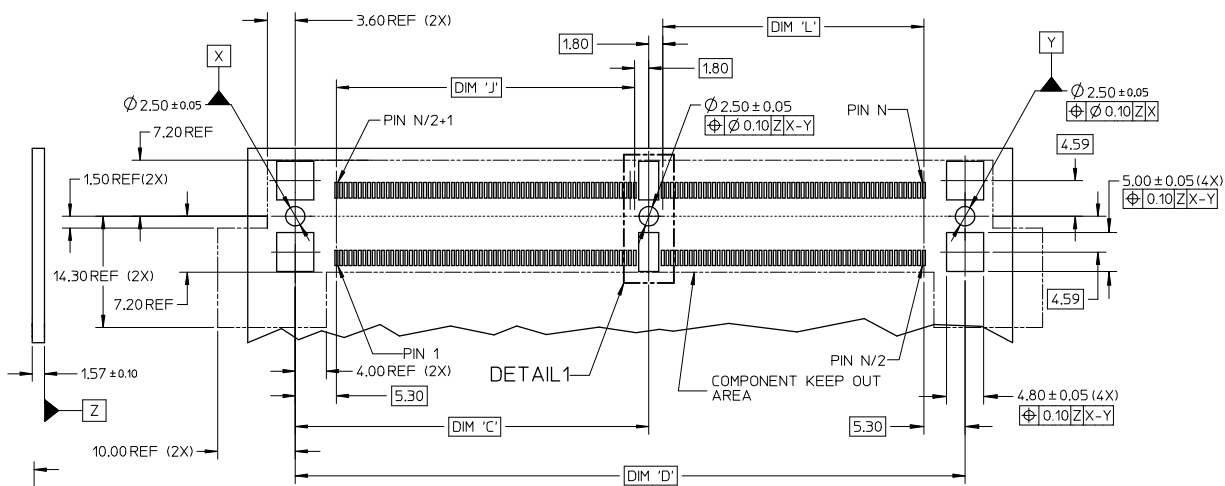
E

D

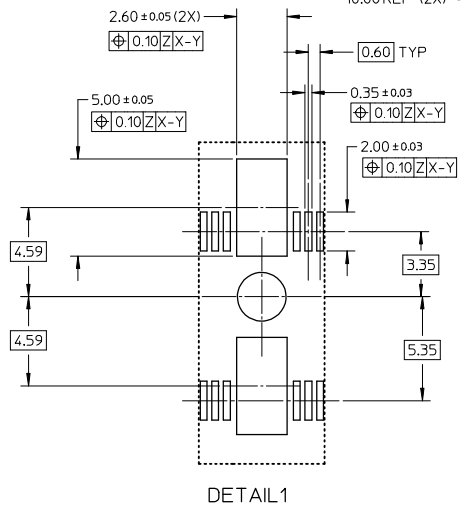
C

B

A



RECOMMENDED PCB LAYOUT

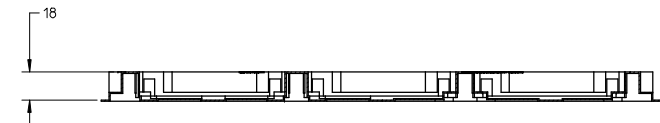
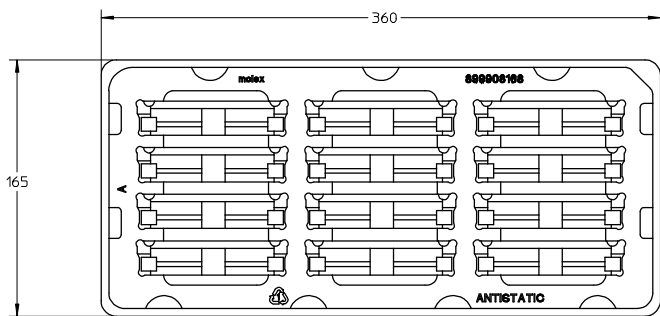


DETAIL1

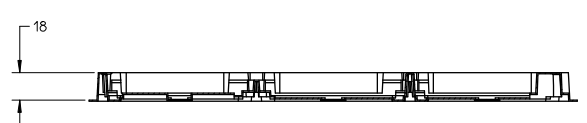
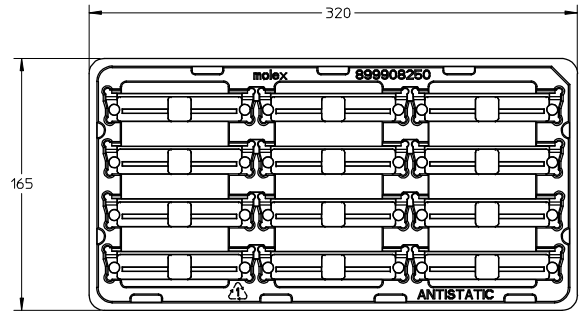
|  |  |   |   |  |              |                        |
|--|--|---|---|--|--------------|------------------------|
| ADD DDR3 OPTION<br>EIC NO: SZ2008-1057<br>DRAWN BY: CHYKICGTAN<br>CHECKED BY: SHLENI<br>APPR: SHLENI<br>2008/06/20<br>2008/06/20<br>2008/06/23 | QUALITY SYMBOLS  | GENERAL TOLERANCES (UNLESS SPECIFIED)   | DIMENSION STYLE   | SCALE  | DESIGN UNITS | THIRD ANGLE PROJECTION |
|  | $\nabla=0$<br>$\nabla=0$                                   | mm    INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.13 ± ---<br>1 PLACE ± 0.25 ± ---<br>ANGULAR ± 1° | MM ONLY   | NTS  | METRIC       |                        |
|  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS | DRAWN BY: SHLENI    DATE: 2005/03/14<br>CHECKED BY: MLONG    DATE: 2005/03/31<br>APPROVED BY: GGLEE    DATE: 2005/03/31     | TITLE   | MINI DIMM, 0.60MM PITCH<br>200/244 CKTS<br>REVERSE R/A |              |                        |
|  |  | MATERIAL NO.    SEE TABLE<br>SIZE: A3   | MOLEX INCORPORATED<br>DOCUMENT NO.    SD-78001-003<br>SHEET NO.    3 OF 4 |  |              |                        |

9 8 7 6 5 4 3 2 1

| ASSEMBLY P/N | CKT SIZE 'N' | MODULE CARD | VOLTAGE KEY | DIM 'R' | DIM 'E' | DIM 'J' | DIM 'L' | DIM 'A' | DIM 'S' | DIM 'T' | DIM 'U' | DIM 'V' | DIM 'C' | DIM 'D' | DIM 'B' | PACKAGING TYPE |   |
|--------------|--------------|-------------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------------|---|
| 78001-1200   | 200          | DDR2        | 1.8 V       | 1.30    | 24.60   | 23.40   | 35.40   | 79.8    | 82.8    | 93.0    | 64.80   | 68.80   | 30.50   | 73.00   | 62.40   | A              |   |
| 78001-2200   |              | DDR         | 2.5 V       | 2.30    |         |         |         |         |         |         |         |         |         |         |         |                |   |
| 78001-1244   | 244          | DDR2        | 1.8 V       | 1.30    | 39.60   | 38.40   | 33.60   | 93.0    | 96.0    | 106.2   | 78.00   | 82.00   | 45.50   | 86.20   | 75.60   |                | B |
| 78001-1344   |              | DDR3        | 1.5 V       | 2.30    |         |         |         |         |         |         |         |         |         |         |         |                |   |
| 78001-3244   |              | DDR2        | 1.8 V       | 1.30    |         |         |         |         |         |         |         |         |         |         |         |                |   |
| 78001-3344   |              | DDR3        | 1.5 V       | 2.30    |         |         |         |         |         |         |         |         |         |         |         |                |   |



VIEW OF TYPE A PACKAGING TRAY



VIEW OF TYPE B PACKAGING TRAY

NOTES:

1. QTY OF CAVITY: 3 X 4 = 12 PCS

| REV | DESCRIPTION   | QUALITY SYMBOLS                   |
|-----|---|-----------------------------------|
| B1  | ADD DDR3 OPTION<br>EC NO: SZ2008-1057<br>DRAWN: MIEDO 2008/06/20<br>CHKD: CIGAN 2008/06/20<br>APPR: SILENI 2008/06/23 | $\nabla=0$<br>$\sphericalangle=0$ |

| GENERAL TOLERANCES (UNLESS SPECIFIED) |        |
|---------------------------------------|--------|
|                                       | mm     |
| 4 PLACES                              | ± 0.13 |
| 3 PLACES                              | ± 0.25 |
| 2 PLACES                              | ± 0.38 |
| 1 PLACE                               | ± 0.51 |
| ANGULAR ± 1°                          |        |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

| DIMENSION STYLE |            |
|-----------------|------------|
| MM ONLY         |            |
| DRAWN BY        | DATE       |
| SILENI          | 2005/03/14 |
| CHECKED BY      | DATE       |
| MLONG           | 2005/03/31 |
| APPROVED BY     | DATE       |
| GGLLEE          | 2005/03/31 |
| MATERIAL NO.    | SEE TABLE  |

| SCALE  | DESIGN UNITS | THIRD ANGLE PROJECTION |
|--|--------------|------------------------|
| NTS  | METRIC       |                        |
| TITLE  |              |                        |
| MINI DIMM, 0.60MM PITCH<br>200/244 CKTS<br>REVERSE R/A |              |                        |
| MOLEX INCORPORATED                                     |              |                        |
| DOCUMENT NO.   | SHEET NO.    |                        |
| SD-78001-003   | 4 OF 4       |                        |