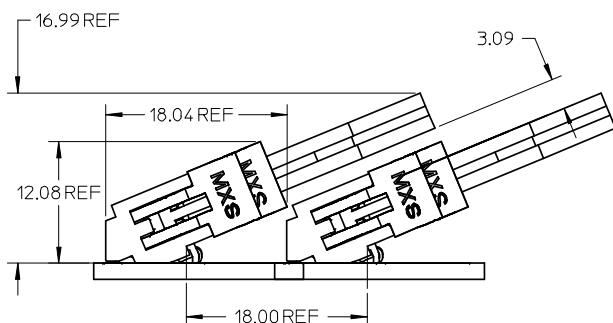
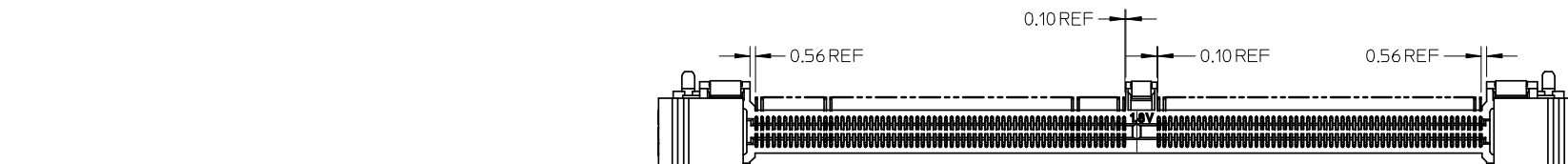
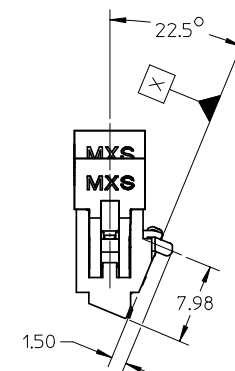
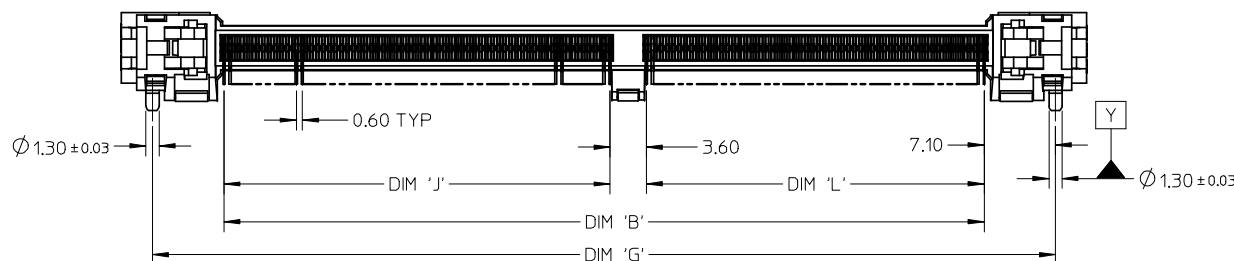
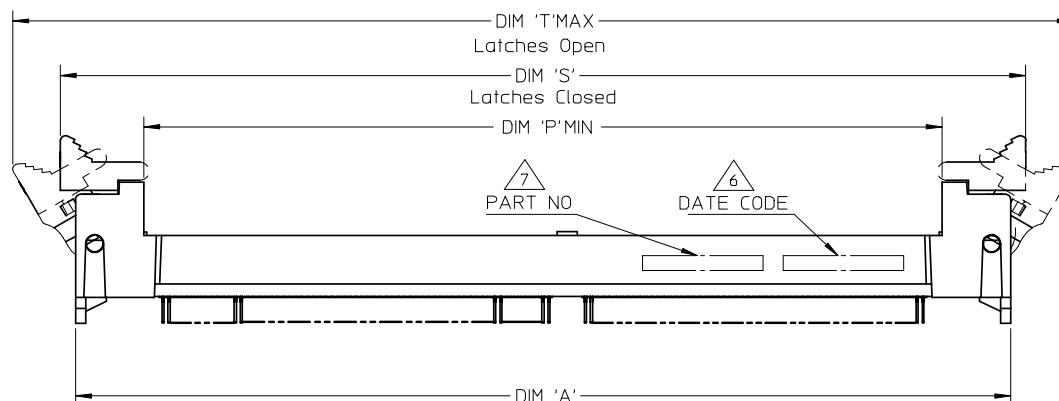




MINIMUM HEIGHT OF SOCKET WITH  
MODULE CARD HEIGHT OF 30.00MM  
AND THICKNESS OF 4MM.



#### NOTES :

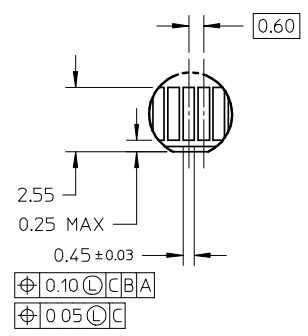
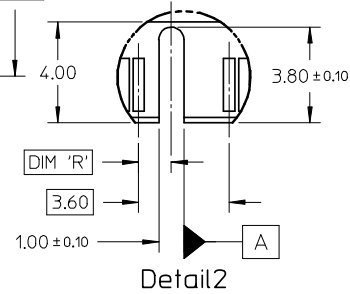
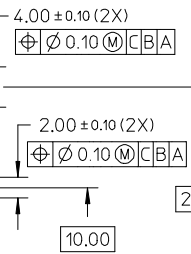
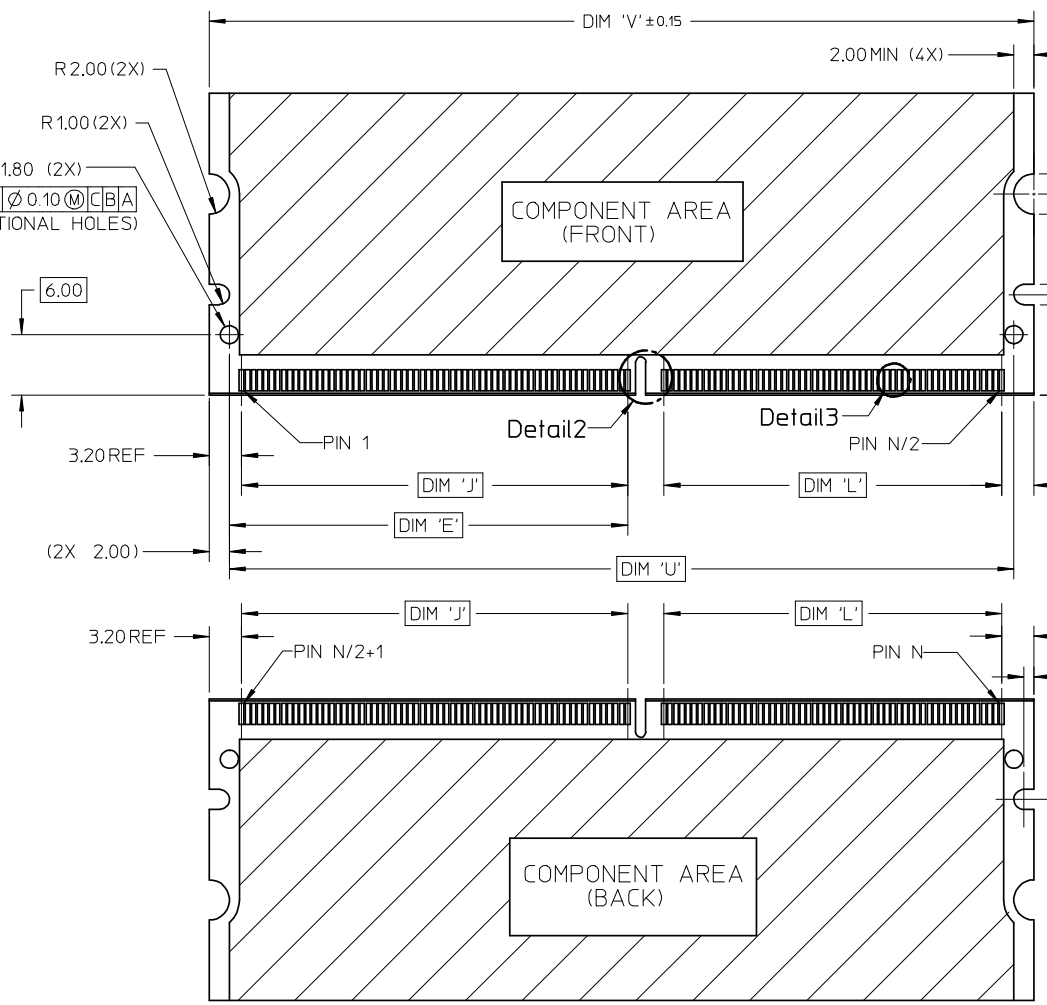
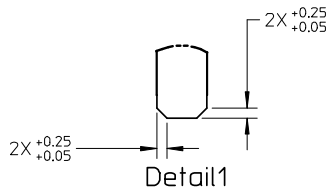
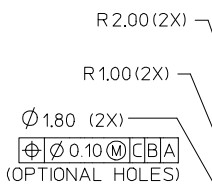
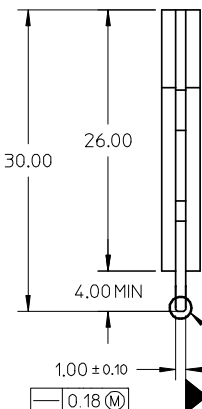
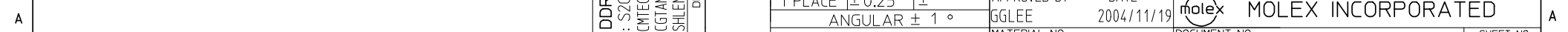
1. MATERIAL :  
HOUSING : HIGH TEMPERATURE LIQUID CRYSTAL POLYMER, UL94V-0  
COLOUR : BLACK  
CONTACTS : COPPER ALLOY  
LATCHES : HIGH TEMPERATURE NYLON, UL94V-0  
COLOUR : NATURAL (OFF-WHITE)  
COVER : HIGH TEMPERATURE NYLON, UL 94V-0  
COLOUR : BLACK

2. FINISH  
CONTACTS : 0.76 MICROMETER (30 MICROINCH) MIN GOLD OVER  
1.25 MICROMETER (50 MICROINCH) MIN NICKEL  
SMT TAIL : 2.54 MICROMETER (100 MICROINCH) MIN TIN OVER  
1.25 MICROMETER (50 MICROINCH) MIN NICKEL
3. ACCEPTS 1.0mm THICK MEMORY MODULE PER JEDEC MO-244 FOR 244 CKTS AND MO-258 FOR 200 CKTS.
4. PRODUCT SPECIFICATION : PS-87783-001.
5. PRODUCT SHALL BE PACKED IN TRAY

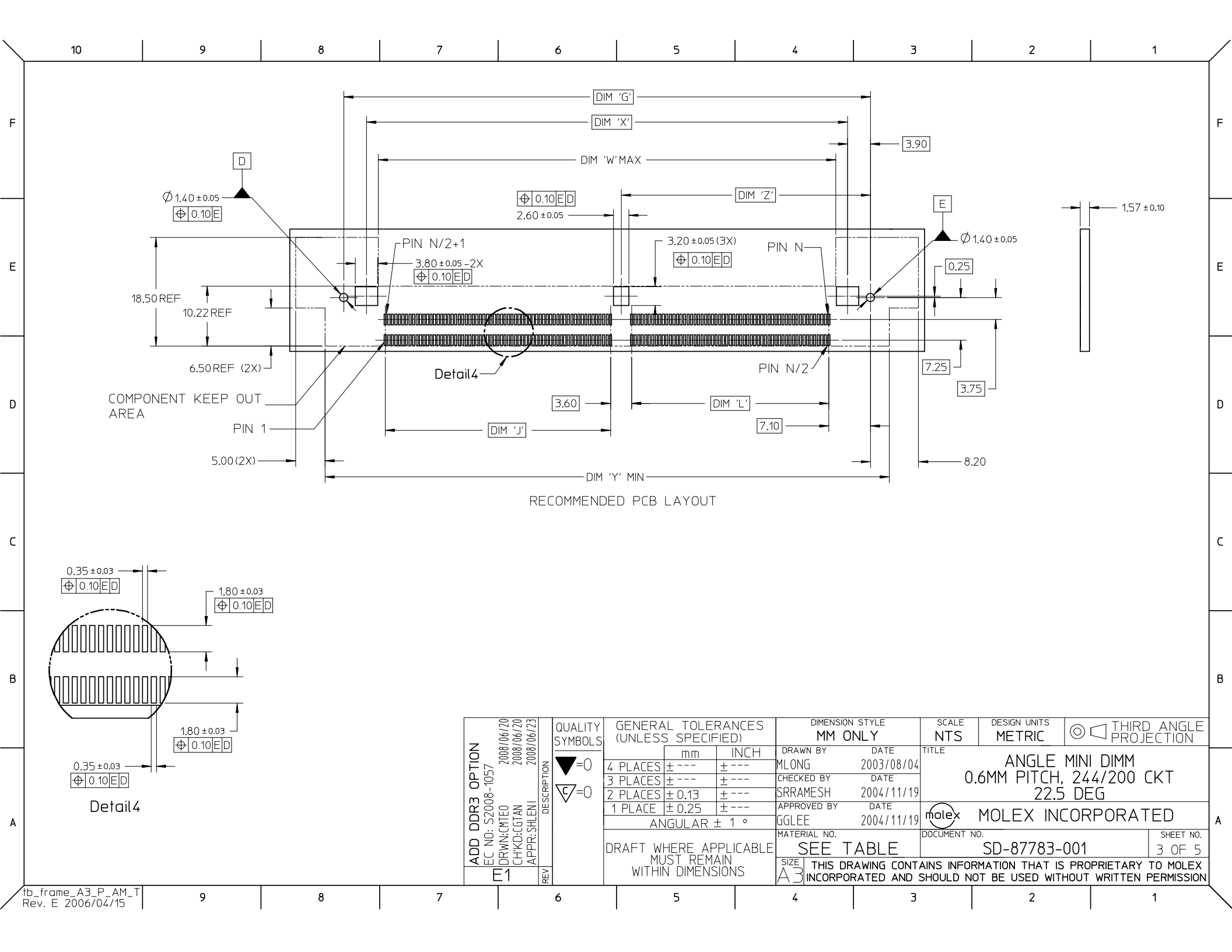
6. DATE CODE SHALL BE MARKED LEGIBLY AS SHOWN : YY DDD.

7. PART NUMBER SHALL BE MARKED LEGIBLY AS SHOWN : 87783-XXXX (REFER TO TABLE).

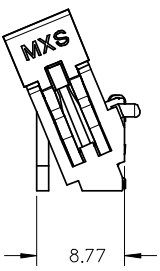
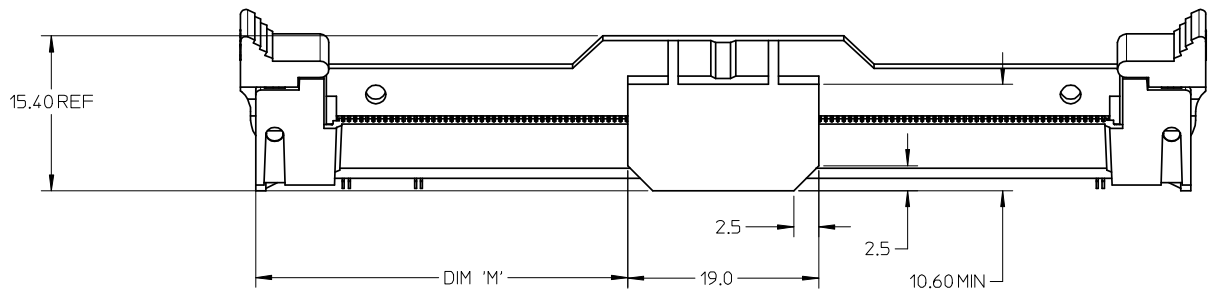
|                                                                                |  |                                   |             |                                                            |  |                            |  |                                                                                                                                  |                        |                                                                                                                 |
|--------------------------------------------------------------------------------|--|-----------------------------------|-------------|------------------------------------------------------------|--|----------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|
| ADD DDR3 OPTION<br>EC NO: S2008-1057<br>2008/06/20<br>2008/06/20<br>2008/06/23 |  | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |  | DIMENSION STYLE<br>MM ONLY |  | SCALE<br>NTS                                                                                                                     | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |
|                                                                                |  |                                   |             |                                                            |  | DRAWN BY<br>DATE           |  | TITLE<br><br>ANGLE MINI DIMM<br>0.6MM PITCH, 244/200 CKT<br>22.5 DEG                                                             |                        |                                                                                                                 |
|                                                                                |  |                                   |             |                                                            |  | CHECKED BY<br>DATE         |  |                                                                                                                                  |                        |                                                                                                                 |
|                                                                                |  |                                   |             |                                                            |  | APPROVED BY<br>DATE        |  |                                                                                                                                  |                        |                                                                                                                 |
|                                                                                |  |                                   |             | ANGULAR ± 1 °                                              |  | GGLEE<br>2004/11/19        |  |  MOLEX INCORPORATED                         |                        |                                                                                                                 |
|                                                                                |  |                                   |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  | MATERIAL NO.<br>SEE TABLE  |  | DOCUMENT NO.<br>SD-87783-001                                                                                                     |                        | SHEET NO.<br>1 OF 5                                                                                             |
| E1                                                                             |  | REV                               |             |                                                            |  | SIZE<br>A3                 |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                                                                                                                 |



|                                                                                              |                                                       |                               |                                       |        |                            |                                                                                                                                  |                    |                                                                  |                           |                     |  |  |                          |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------|---------------------------------------|--------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------|---------------------------|---------------------|--|--|--------------------------|
| ADD DDR3 OPTION<br>EC NO: S2008-1057<br>DRWN:CMTEO<br>CHKD:CGTAN<br>APPR:SHLENI<br>REV<br>E1 | DESCRIPTION<br>2008/06/20<br>2008/06/20<br>2008/06/23 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>MM ONLY |                                                                                                                                  | SCALE<br>NTS       | DESIGN UNITS<br>METRIC                                           | THIRD ANGLE<br>PROJECTION |                     |  |  |                          |
|                                                                                              |                                                       |                               |                                       | mm     | INCH                       | DRAWN BY<br>MLONG                                                                                                                | DATE<br>2003/08/04 | TITLE<br>ANGLE MINI DIMM<br>0.6MM PITCH, 244/200 CKT<br>22.5 DEG |                           |                     |  |  |                          |
|                                                                                              |                                                       |                               | 4 PLACES                              | ± ---  | ± ---                      | CHECKED BY<br>SRRAMESH                                                                                                           | DATE<br>2004/11/19 |                                                                  |                           |                     |  |  |                          |
|                                                                                              |                                                       |                               | 3 PLACES                              | ± ---  | ± ---                      | APPROVED BY<br>GGLEE                                                                                                             | DATE<br>2004/11/19 |                                                                  |                           |                     |  |  | molex MOLEX INCORPORATED |
|                                                                                              |                                                       |                               | 2 PLACES                              | ± 0.13 | ± ---                      | MATERIAL NO.<br>SEE TABLE                                                                                                        |                    | DOCUMENT NO.<br>SD-87783-001                                     |                           | SHEET NO.<br>2 OF 5 |  |  |                          |
|                                                                                              |                                                       |                               | 1 PLACE                               | ± 0.25 | ± ---                      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                                  |                           |                     |  |  |                          |
|                                                                                              |                                                       |                               | ANGULAR ± 1 °                         |        |                            |                                                                                                                                  |                    |                                                                  |                           |                     |  |  |                          |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                   |                                                       |                               |                                       |        |                            |                                                                                                                                  |                    |                                                                  |                           |                     |  |  |                          |



|                                                                                             |                                        |             |                                   |                                       |        |                                                            |                               |                                                                                                                               |                                  |                                                                                                              |                                                                      |                     |
|---------------------------------------------------------------------------------------------|----------------------------------------|-------------|-----------------------------------|---------------------------------------|--------|------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------|
| ADD DDR3 OPTION<br>EC NO: S2008-1057<br>DRW:CMTEO<br>CHKD:CGTAN<br>APPR:SHLENI<br>REV<br>E1 | 2008/06/20<br>2008/06/20<br>2008/06/23 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>MM ONLY                                 |                               | SCALE<br>NTS                                                                                                                  | DESIGN UNITS<br>METRIC           |  THIRD ANGLE PROJECTION |                                                                      |                     |
|                                                                                             |                                        |             |                                   |                                       | mm     | INCH                                                       | DRAWN BY<br>MLONG             |                                                                                                                               | DATE<br>2003/08/04               |                                                                                                              | TITLE<br><br>ANGLE MINI DIMM<br>0.6MM PITCH, 244/200 CKT<br>22.5 DEG |                     |
|                                                                                             |                                        |             |                                   | 4 PLACES                              | ± ---  | ± ---                                                      | CHECKED BY<br>SRRAMESH        |                                                                                                                               | DATE<br>2004/11/19               |                                                                                                              |                                                                      |                     |
|                                                                                             |                                        |             |                                   | 3 PLACES                              | ± ---  | ± ---                                                      | APPROVED BY<br>GGLEE          |                                                                                                                               | DATE<br>2004/11/19               |                                                                                                              |                                                                      |                     |
|                                                                                             |                                        |             |                                   | 2 PLACES                              | ± 0.13 | ± ---                                                      | MATERIAL NO.<br><br>SEE TABLE |                                                                                                                               | DOCUMENT NO.<br><br>SD-87783-001 |                                                                                                              |                                                                      | SHEET NO.<br>3 OF 5 |
|                                                                                             |                                        |             |                                   | 1 PLACE                               | ± 0.25 | ± ---                                                      |                               |                                                                                                                               |                                  |                                                                                                              |                                                                      |                     |
|                                                                                             |                                        |             |                                   | ANGULAR ± 1 °                         |        | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                               | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                  |                                                                                                              |                                                                      |                     |
|                                                                                             |                                        |             |                                   |                                       |        |                                                            |                               |                                                                                                                               |                                  |                                                                                                              |                                                                      |                     |
|                                                                                             |                                        |             |                                   |                                       |        |                                                            |                               |                                                                                                                               |                                  |                                                                                                              |                                                                      |                     |



SHOWN WITH PICK & PLACE COVER

| CKT SIZE<br>'N' | PART NUMBER | MODULE<br>CARD | VOLTAGE<br>KEY | DIM 'R' | DIM 'E' | DIM 'J' | DIM 'L' | DIM 'M' | DIM 'P' | DIM 'G' | DIM 'S' | DIM 'T' | DIM 'U' | DIM 'V' | DIM 'W' | DIM 'X' | DIM 'Y' | DIM 'Z' | DIM 'A' | DIM 'B' |
|-----------------|-------------|----------------|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 244             | 87783-0001  | DDR2           | 1.8 V          | 1.30    | 39.60   | 38.40   | 33.60   | 37.0    | 79.0    | 89.80   | 96.0    | 106.20  | 78.00   | 82.00   | 78.0    | 82.00   | 96.20   | 42.50   | 93.0    | 75.60   |
|                 | 87783-0301  | DDR3           | 1.5 V          | 2.30    |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| 200             | 87783-0201  | DDR2           | 1.8 V          | 1.30    | 24.60   | 23.40   | 35.40   | 30.40   | 65.8    | 76.60   | 82.8    | 93.00   | 64.80   | 68.80   | 64.8    | 68.80   | 83.00   | 44.30   | 79.8    | 62.40   |
|                 | 87783-0202  | DDR            | 2.5 V          | 2.30    |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |

ADD DDR3 OPTION  
EC NO: S2008-1057  
DRWN:CMTE0  
CHKD:CGTAN  
APPR:SHLENI  
REV E1

2008/06/20  
2008/06/20  
2008/06/23

DESCRIPTION  
REV

QUALITY SYMBOLS  
=0  
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)  
mm INCH  
4 PLACES ± --- ± ---  
3 PLACES ± --- ± ---  
2 PLACES ± 0.13 ± ---  
1 PLACE ± 0.25 ± ---  
ANGULAR ± 1 °  
DRAFT WHERE APPLICABLE  
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE  
MM ONLY  
DRAWN BY MLONG  
CHECKED BY SRRAMESH  
APPROVED BY GGLEE  
MATERIAL NO.  
SIZE A3

DATE  
2003/08/04  
2004/11/19  
2004/11/19  
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

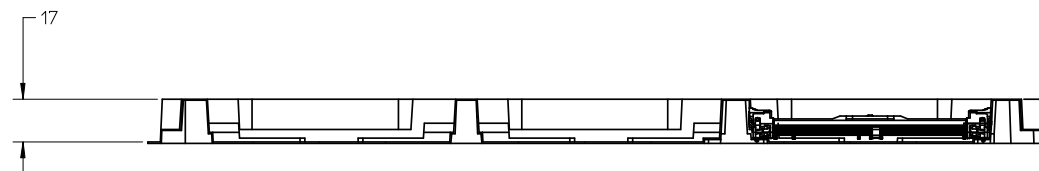
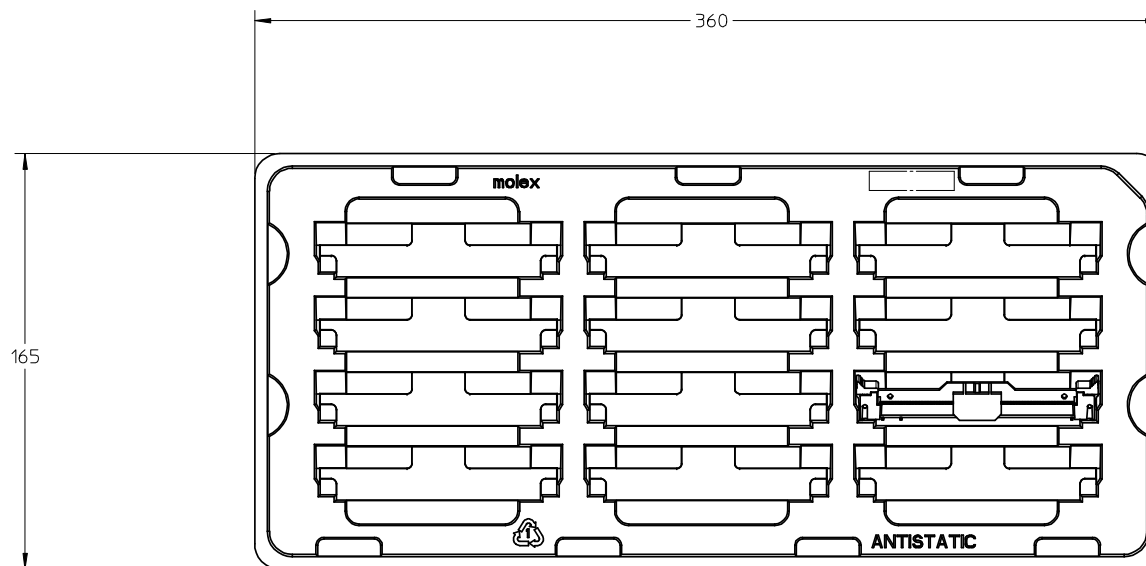
SCALE  
NTS

DESIGN UNITS  
METRIC

THIRD ANGLE PROJECTION

ANGLE MINI DIMM  
0.6MM PITCH, 244/200 CKT  
22.5 DEG  
MOLEX INCORPORATED  
SD-87783-001  
4 OF 5

fb\_frame\_A3\_P\_AM\_T  
Rev. E 2006/04/15



VIEW OF PACKAGING TRAY

NOTES:

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

|                                                                                                                  |             |                                                  |                                                                                                                               |                       |                            |                           |                              |                                                                                                         |                                   |  |                     |
|------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------|---------------------------|------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------|--|---------------------|
| ADD DDR3 OPTION<br>EC NO: S2008-1057<br>DRWN:CMTEO 2008/06/20<br>CHKD:CGTAN 2008/06/20<br>APPR:SHLENI 2008/06/23 | DESCRIPTION | QUALITY SYMBOLS<br><div>▽=0</div> <div>◻=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                         |                       | DIMENSION STYLE<br>MM ONLY |                           | SCALE<br>NTS                 | DESIGN UNITS<br>METRIC                                                                                  | <div>THIRD ANGLE PROJECTION</div> |  |                     |
|                                                                                                                  |             |                                                  | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS                                                                       | mm                    | INCH                       | DRAWN BY<br>MLONG         | DATE<br>2003/08/04           | TITLE<br>ANGLE MINI DIMM<br>0.6MM PITCH, 244/200 CKT<br>22.5 DEG<br><div>MOLEX</div> MOLEX INCORPORATED |                                   |  |                     |
|                                                                                                                  |             |                                                  |                                                                                                                               | 4 PLACES ± --- ± ---  | 3 PLACES ± --- ± ---       | CHECKED BY<br>SRRAMESH    | DATE<br>2004/11/19           |                                                                                                         |                                   |  |                     |
|                                                                                                                  |             |                                                  |                                                                                                                               | 2 PLACES ± 0.13 ± --- | 1 PLACE ± 0.25 ± ---       | APPROVED BY<br>GGLEE      | DATE<br>2004/11/19           |                                                                                                         |                                   |  |                     |
|                                                                                                                  |             |                                                  |                                                                                                                               | ANGULAR ± 1 °         |                            | MATERIAL NO.<br>SEE TABLE | DOCUMENT NO.<br>SD-87783-001 |                                                                                                         |                                   |  | SHEET NO.<br>5 OF 5 |
| REV                                                                                                              |             |                                                  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                       |                            |                           |                              |                                                                                                         |                                   |  |                     |