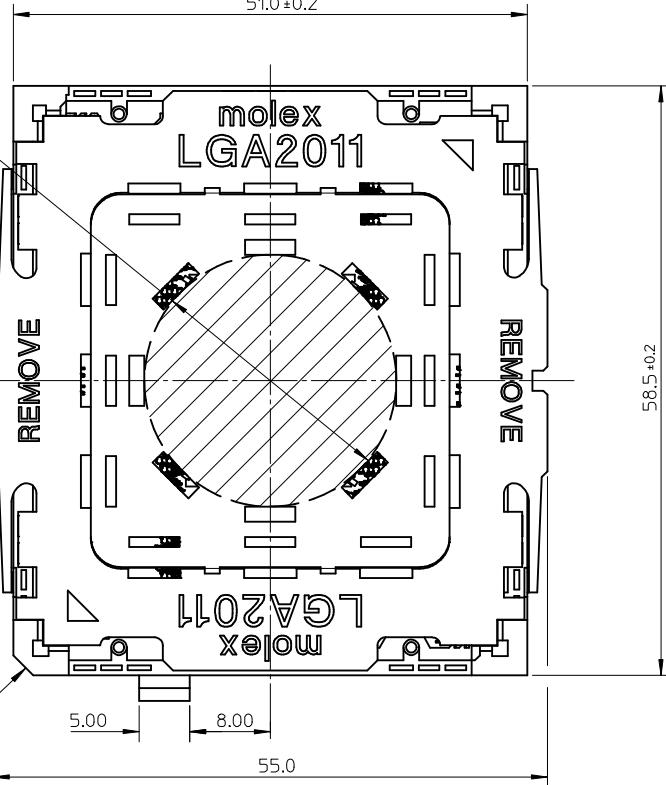


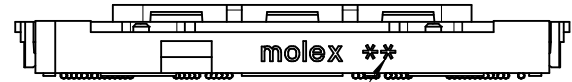
DATE CODE

51.0 ± 0.2

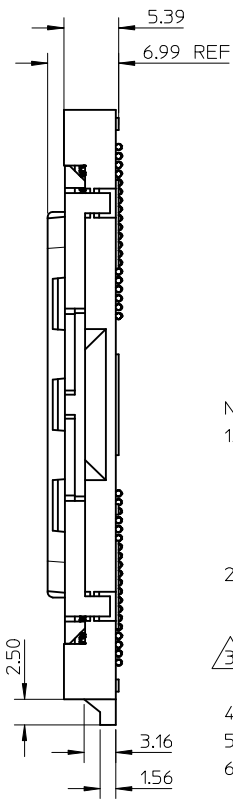
Ø 25.0  
PICK & PLACE ZONE



A1 CORNER



CAVITY NUMBER



NOTES:

- MATERIAL:  
HOUSING AND CAP: HIGH TEMPERATURE THERMOPLASTIC, UL94V-0, BLACK COLOR  
CONTACT: HIGH STRENGTH COPPER ALLOY  
SOLDER BALL: LEAD FREE SnAg3.0Cu0.5
- PLATING:  
50u" NICKEL AT PADDLE AND CONTACT AREA.  
GOLD PLATING THICKNESS AT CONTACT AREA REFER TO TABLE.
- DATE CODE "YMD\*\*" IS DEFINED AS:  
"YEAR/MONTH/DAY/MOLEX INTERNAL".
- PRODUCT SPECIFICATION PS-105142-001 APPLIES.
- PACKAGING SPECIFICATION PK-105142-001 APPLIES.
- ALL PART NUMBERS COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC.

|   |  |  |                 |  |                                       |  |                                       |  |                                      |                               |                            |  |  |  |
|---|--|--|-----------------|--|---------------------------------------|--|---------------------------------------|--|--------------------------------------|-------------------------------|----------------------------|--|--|--|
| <b>NEW RELEASE</b><br>EC NO: SH2015-0083<br>DRWN: YXZHENG<br>CHKD: AYIN<br>APPR: AYIN   | 2011/12/08<br>2011/12/08<br>2014/09/02 | DESCRIPTION<br>F <sub>A</sub> =0<br>F <sub>C</sub> =0<br>F <sub>P</sub> =0 | QUALITY SYMBOLS |  | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE<br><b>MM ONLY</b>     |  | SCALE<br><b>2:1</b>                  | DESIGN UNITS<br><b>METRIC</b> | THIRD ANGLE PROJECTION     |  |  |  |
|   |  |  |                 |  |                                       |  |                                       |  |                                      |                               |                            |  |  |  |
|   |  |  |                 |  |                                       |  |                                       |  |                                      |                               |                            |  |  |  |
|   |  |  |                 |  |                                       |  |                                       |  |                                      |                               |                            |  |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |  |  | SEE SHEET 4     |  | MATERIAL NO.                          |  | TITLE<br><b>LGA 2011-1 SOCKET(R1)</b> |  | DOCUMENT NO.<br><b>SD-105142-002</b> |                               | SHEET NO.<br><b>1 OF 4</b> |  |  |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |  |                 |  |                                       |  |                                       |  |                                      |                               |                            |  |  |  |

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

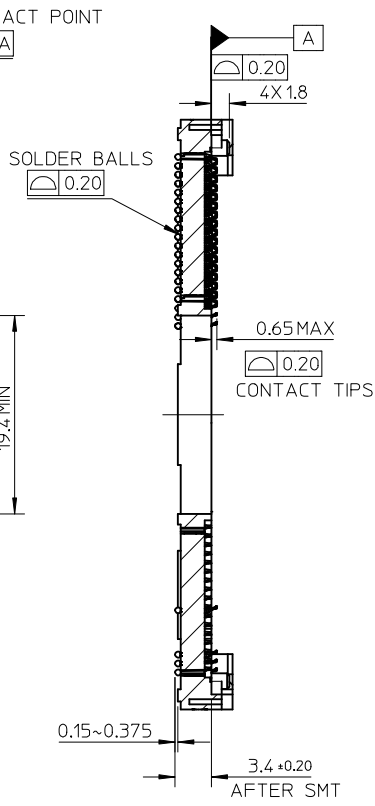
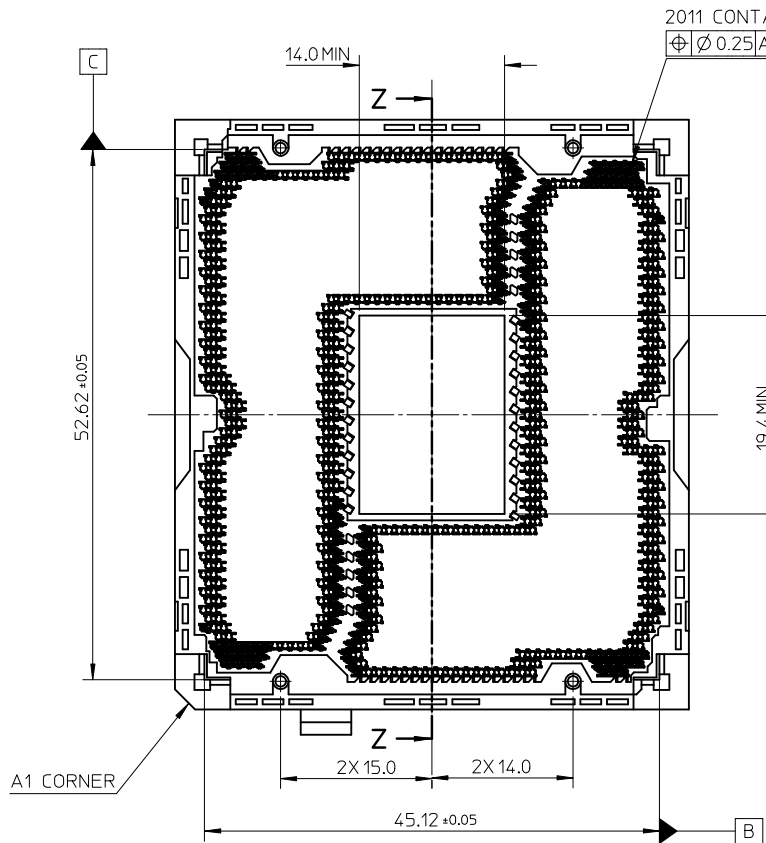
E

D

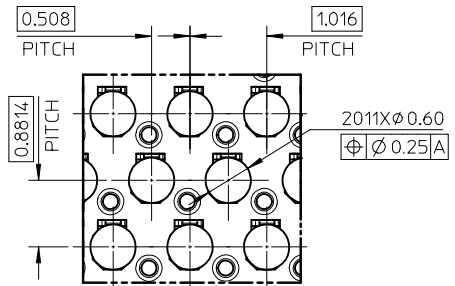
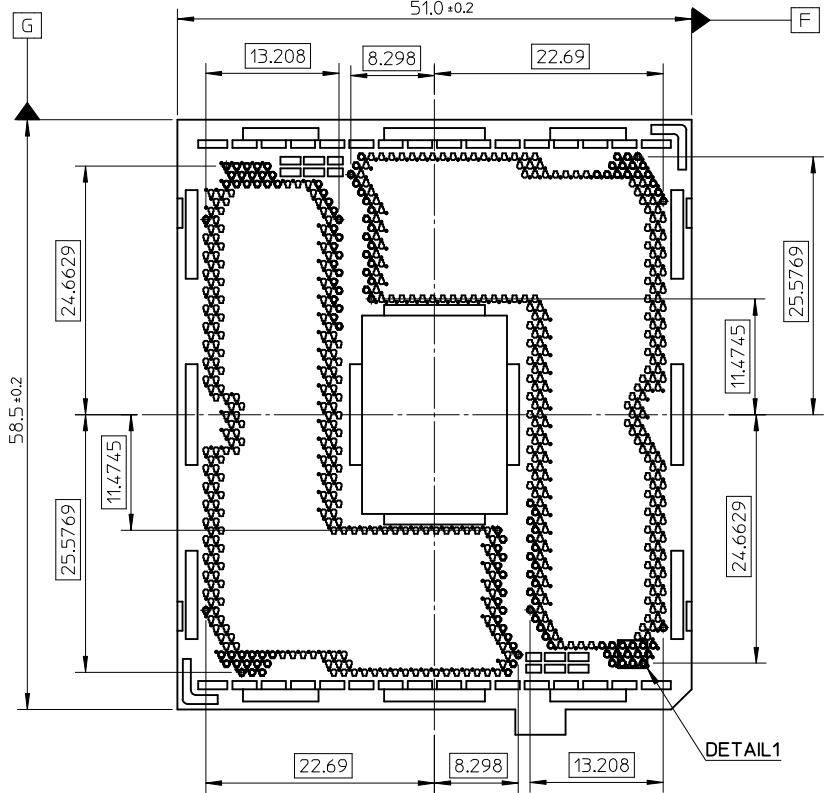
C

B

A



SECTION Z-Z

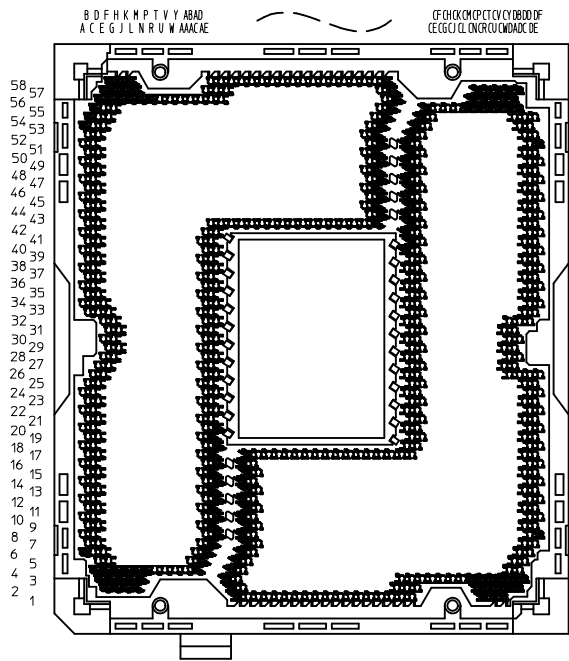


DETAIL1

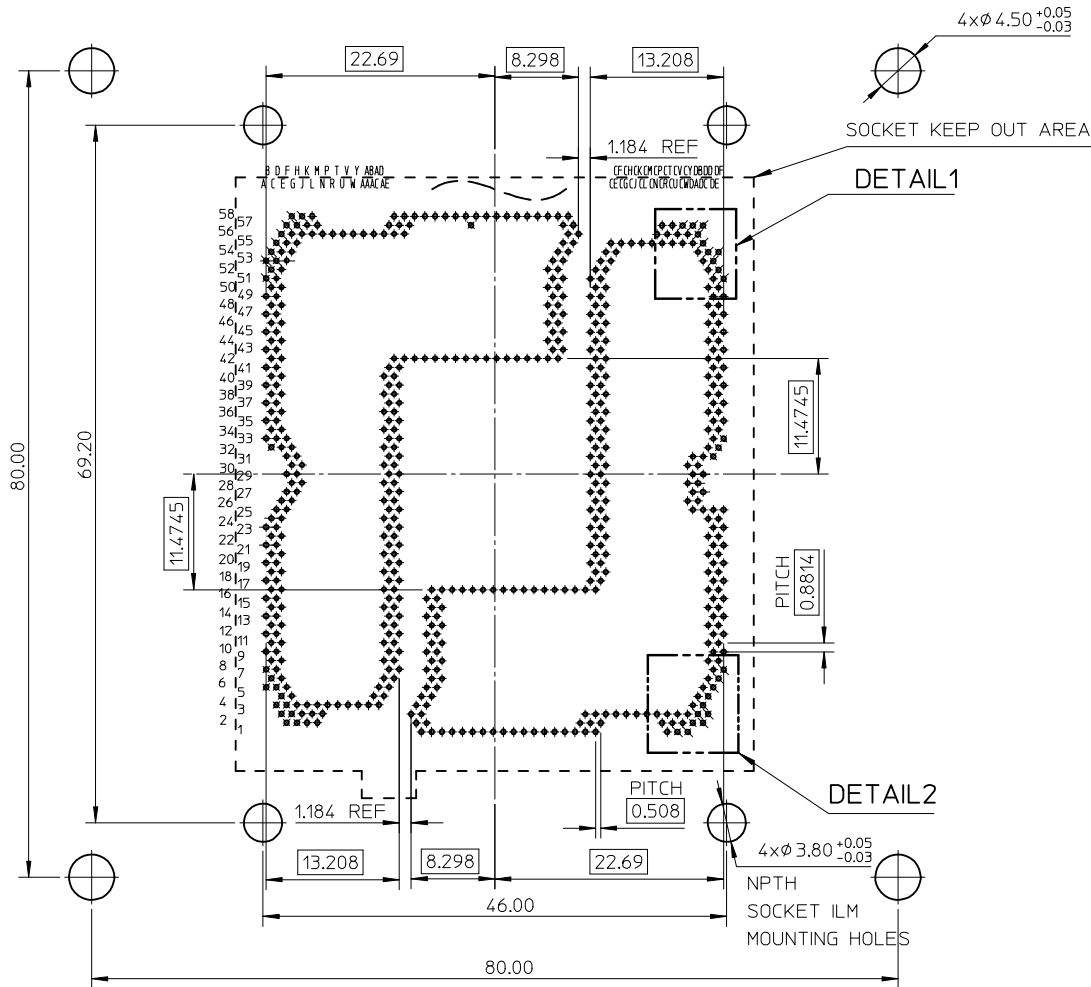
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|---|------------|------------|--|---------------------------------------|-------|---|---------------------|--------------------------------|--|------------------------|--|--|
| <b>NEW RELEASE</b><br>EC NO: SH2015-0083<br>DRWN: YXZHENG<br>CHKD: AYIN<br>APPR: AYIN | 2011/12/08 | 2011/12/08 | QUALITY SYMBOLS<br>$F_A=0$<br>$F_C=0$<br>$F_P=0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) |       | DIMENSION STYLE<br>MM ONLY  |                     | SCALE<br>2:1                   | DESIGN UNITS<br>METRIC   | THIRD ANGLE PROJECTION |  |  |
|   | 2014/09/02 | 2014/09/02 |  | mm                                    | INCH  | DRAWN BY<br>YXZHENG   | DATE<br>2011/12/08  | TITLE<br>LGA 2011-1 SOCKET(R1) |  |                        |  |  |
|   |            |            |  | 4 PLACES                              | ± --- | ± ---   | CHECKED BY<br>AYIN  | DATE<br>2011/12/08             | MOLEX INCORPORATED<br>DOCUMENT NO. SD-105142-002<br>SHEET NO. 2 OF 4 |                        |  |  |
|   |            |            |  | 3 PLACES                              | ± --- | ± ---   | APPROVED BY<br>AYIN | DATE<br>2014/09/02             |  |                        |  |  |
| 1   |            |            | 2 PLACES   | ± 0.25                                | ± --- | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |                     |                                |  |                        |  |  |
|   |            |            | 1 PLACE  | ± 0.25                                | ± --- | SEE SHEET 4   |                     |                                |  |                        |  |  |
|   |            |            | ANGULAR ± 3 °                                    |                                       |       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                     |                                |  |                        |  |  |

9 8 7 6 5 4 3 2 1

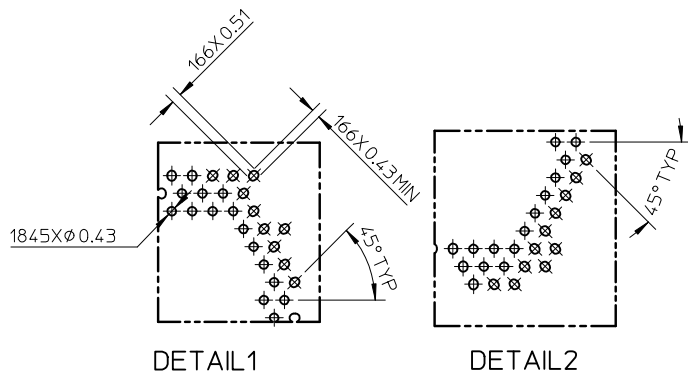
10 9 8 7 6 5 4 3 2 1



CONTACT NUMBER DEFINITION



RECOMMENDED PCB LAYOUT FOR NORMAL FRAME

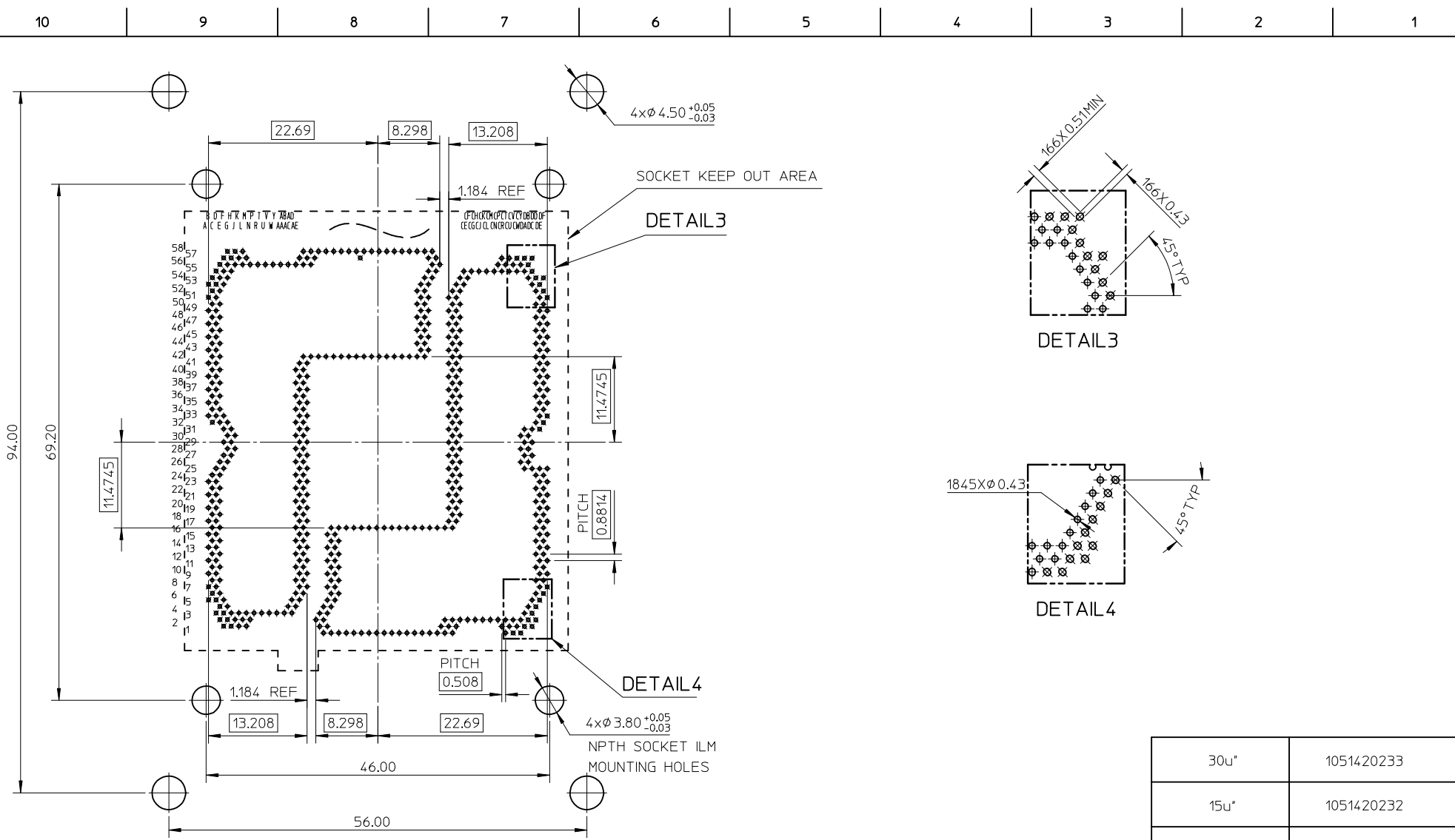


DETAIL 1

DETAIL 2

|  |                      |  |                                       |        |  |                     |   |  |                        |  |
|--|----------------------|--|---------------------------------------|--------|--|---------------------|---|--|------------------------|--|
| NEW RELEASE<br>EC NO: SHZ015-0083<br>DRWN: YXZHENG<br>CHKD: AYIN<br>APPR: AYIN | DESCRIPTION<br>REV 1 | QUALITY SYMBOLS<br>▽ <sub>A</sub> =0<br>▽ <sub>G</sub> =0<br>▽ <sub>P</sub> =0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>MM ONLY                           |                     | SCALE<br>2:1  | DESIGN UNITS<br>METRIC   | THIRD ANGLE PROJECTION |  |
|  |                      |  | mm                                    | INCH   | DRAWN BY<br>YXZHENG                                  | DATE<br>2011/12/08  | TITLE<br>LGA 2011-1 SOCKET(R1)  |  |                        |  |
| 1  | 1                    |  | 4 PLACES                              | ± ---  | ± ---  | CHECKED BY<br>AYIN  | DATE<br>2011/12/08  | MOLEX INCORPORATED   |                        |  |
|  |                      |  | 3 PLACES                              | ± ---  | ± ---  | APPROVED BY<br>AYIN | DATE<br>2014/09/02  |  |                        |  |
|  |                      |  | 2 PLACES                              | ± 0.25 | ± ---  |                     |   | MATERIAL NO. SD-105142-002<br>DOCUMENT NO. SD-105142-002<br>SHEET NO. 3 OF 4 |                        |  |
|  |                      |  | 1 PLACE                               | ± 0.25 | ± ---  | SEE SHEET 4         |   |  |                        |  |
|  |                      |  | ANGULAR ± 3 °                         |        | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                        |  |

9 8 7 6 5 4 3 2 1



RECOMMENDED PCB LAYOUT  
FOR NARROW FRAME

|                |             |
|----------------|-------------|
| 30U"           | 1051420233  |
| 15U"           | 1051420232  |
| GOLD THICKNESS | PART NUMBER |

|   |  |  |                 |                                       |       |   |                     |                            |                                       |                        |  |
|---|--|--|-----------------|---------------------------------------|-------|---|---------------------|----------------------------|---------------------------------------|------------------------|--|
| <b>NEW RELEASE</b><br>EC NO: SH2015-0083<br>DRWN: YXZHENG<br>CHKD: AYIN<br>APPR: AYIN | 2011/12/08<br>2011/12/08<br>2014/09/02 | DESCRIPTION<br>F <sub>A</sub> =0<br>F <sub>G</sub> =0<br>F <sub>P</sub> =0 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |       | DIMENSION STYLE<br><b>MM ONLY</b>   |                     | SCALE<br><b>2:1</b>        | DESIGN UNITS<br><b>METRIC</b>         | THIRD ANGLE PROJECTION |  |
|   |  |  |                 |                                       | mm    | INCH  | DRAWN BY<br>YXZHENG | DATE<br>2011/12/08         | TITLE<br><b>LGA 2011-1 SOCKET(R1)</b> |                        |  |
|   |  |  |                 | 4 PLACES                              | ± --- | ± ---   | CHECKED BY<br>AYIN  | DATE<br>2011/12/08         | <b>MOLEX INCORPORATED</b>             |                        |  |
|   |  |  |                 | 3 PLACES                              | ± --- | ± ---   | APPROVED BY<br>AYIN | DATE<br>2014/09/02         |                                       |                        |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                  |  |  |                 | MATERIAL NO.<br><b>SEE TABLE</b>      |       | DOCUMENT NO.<br><b>SD-105142-002</b>  |                     | SHEET NO.<br><b>4 OF 4</b> |                                       |                        |  |
| 1   |  |  |                 | SIZE<br><b>A3</b>                     |       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                     |                            |                                       |                        |  |