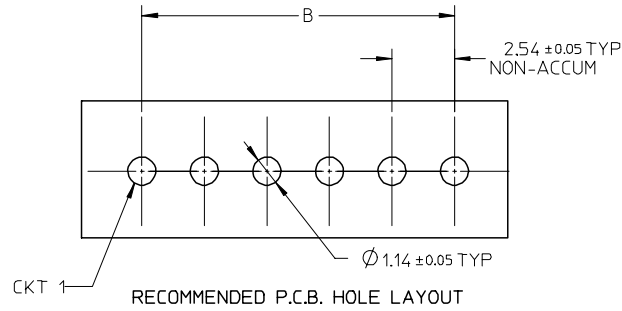
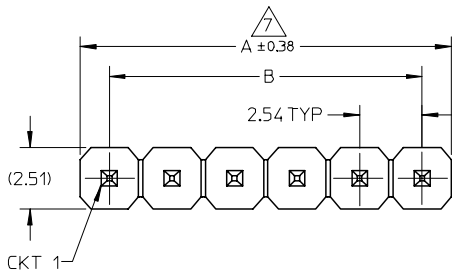


10 9 8 7 6 5 4 3 2 1

F

F

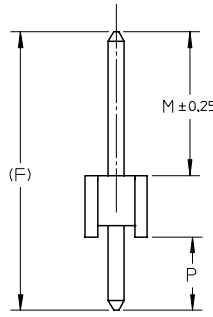
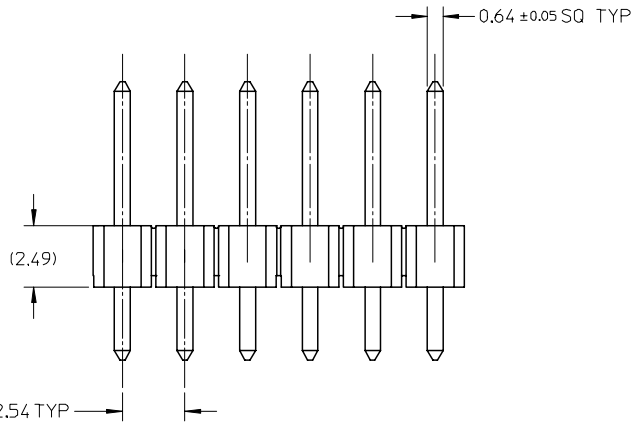


NOTES

1. MATERIAL:
HSG: NYLON, GLASS-FILLED, UL94V-0 COLOR: BLACK
PIN: 0.64MM SQ, COPPER ALLOY
2. PLATING TYPE:
 - (1) GOLD FLASH OVER
1.270µm MIN. NICKEL OVERALL.
 - (2) GOLD FLASH ON CONTACT AND
1.905µm MIN. TIN ON SOLDER TAIL OVER
1.270µm MIN. NICKEL OVERALL.
 - (3) 0.254µm MIN. GOLD PLATE ON CONTACT AND
1.905µm MIN. TIN ON SOLDER TAIL OVER
1.270µm MIN. NICKEL OVERALL.
 - (4) 0.381µm MIN. GOLD PLATE ON CONTACT AND
1.905µm MIN. TIN ON SOLDER TAIL OVER
1.270µm MIN. NICKEL OVERALL.
 - (5) 0.762µm MIN. GOLD PLATE ON CONTACT AND
1.905µm MIN. TIN ON SOLDER TAIL OVER
1.270µm MIN. NICKEL OVERALL.
 - (6) 2.540µm/100µm MIN TIN OVERALL
1.270µm/50µm NICKEL OVERALL
3. PRODUCT SPECIFICATION: PS-87920-019
4. PACKAGING TYPE: SEE TABLE
5. WAFER TO BE FLAT WITHIN 0.003 mm/mm
6. RECOMMENDED PCB THICKNESS IS 1.60mm±0.10
- △ IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
8. THE ABOVE CKT 6 IS FOR ILLUSTRATION PURPOSE ONLY
9. PACKAGING SPECIFICATION:
TRAY: PK-89990-489
BULK: PK-89990-491

E

D



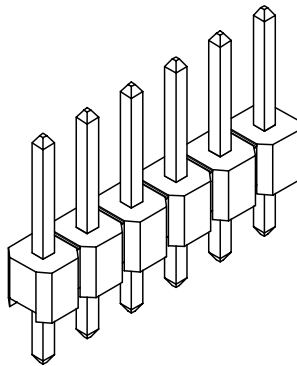
D

C

C

B

B



A

A

| | | | | | | | | |
|---|--|--------------------|--|--|--|---------------------|--------------|------------------------|
| EWR# 1023 EC NO: S2007-0289 DRWN:SKLIM01 CHKD:CWAM APPR:KWLEE | 2006/09/29 2006/09/29 2006/09/30 | DESCRIPTION REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | | | $\nabla=0$ $\sphericalangle=0$ | mm INCH | MM ONLY | NTS | METRIC | |
| | | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- | DRAWN BY DATE YLQ1A0 2004/11/17 CHECKED BY DATE PTL IM 2004/12/01 APPROVED BY DATE SCLOW 2004/12/06 | TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER | | | |
| | | | ANGULAR ± 3 ° | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-87891-013 | SHEET NO. 1 OF 8 | | |

9 8 7 6 5 4 3 2 1





| PACKAGING OPTION PART NO. | | | | | | | | | | PACKAGING OPTION PART NO. | | | | | | | | | | | |
|---------------------------|-------|------------------|----------|---------------|--------------|-----------|------|-------|------|---------------------------|------------|-------|------------------|----------|---------------|--------------|-----------|-------|-------|------|------|
| TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
| | | | | | | A | B | F | M | P | | | | | | | A | B | F | M | P |
| 87891-0101 | ----- | ----- | 1 | ----- | 1 | 2.54 | ---- | 11.30 | 5.84 | 2.97 | 87891-0401 | ----- | ----- | 4 | ----- | 1 | 10.16 | 7.62 | 11.30 | 5.84 | 2.97 |
| 87891-0102 | ----- | ----- | 1 | ----- | 2 | 2.54 | ---- | 11.30 | 5.84 | 2.97 | 87891-0412 | ----- | ----- | 4 | ----- | 2 | 10.16 | 7.62 | 11.30 | 5.84 | 2.97 |
| 87891-0103 | ----- | ----- | 1 | ----- | 3 | 2.54 | ---- | 11.30 | 5.84 | 2.97 | 87891-0403 | ----- | ----- | 4 | ----- | 3 | 10.16 | 7.62 | 11.30 | 5.84 | 2.97 |
| 87891-0104 | ----- | ----- | 1 | ----- | 4 | 2.54 | ---- | 11.30 | 5.84 | 2.97 | 87891-0404 | ----- | ----- | 4 | ----- | 4 | 10.16 | 7.62 | 11.30 | 5.84 | 2.97 |
| 87891-0105 | ----- | ----- | 1 | ----- | 5 | 2.54 | ---- | 11.30 | 5.84 | 2.97 | 87891-0405 | ----- | ----- | 4 | ----- | 5 | 10.16 | 7.62 | 11.30 | 5.84 | 2.97 |
| 87891-0106 | ----- | ----- | 1 | ----- | 6 | 2.54 | ---- | 11.30 | 5.84 | 2.97 | 87891-0406 | ----- | ----- | 4 | ----- | 6 | 10.16 | 7.62 | 11.30 | 5.84 | 2.97 |
| 87891-0201 | ----- | ----- | 2 | ----- | 1 | 5.08 | 2.54 | 11.30 | 5.84 | 2.97 | 87891-0511 | ----- | ----- | 5 | ----- | 1 | 12.70 | 10.16 | 11.30 | 5.84 | 2.97 |
| 87891-0202 | ----- | ----- | 2 | ----- | 2 | 5.08 | 2.54 | 11.30 | 5.84 | 2.97 | 87891-0512 | ----- | ----- | 5 | ----- | 2 | 12.70 | 10.16 | 11.30 | 5.84 | 2.97 |
| 87891-0203 | ----- | ----- | 2 | ----- | 3 | 5.08 | 2.54 | 11.30 | 5.84 | 2.97 | 87891-0513 | ----- | ----- | 5 | ----- | 3 | 12.70 | 10.16 | 11.30 | 5.84 | 2.97 |
| 87891-0204 | ----- | ----- | 2 | ----- | 4 | 5.08 | 2.54 | 11.30 | 5.84 | 2.97 | 87891-0514 | ----- | ----- | 5 | ----- | 4 | 12.70 | 10.16 | 11.30 | 5.84 | 2.97 |
| 87891-0205 | ----- | ----- | 2 | ----- | 5 | 5.08 | 2.54 | 11.30 | 5.84 | 2.97 | 87891-0515 | ----- | ----- | 5 | ----- | 5 | 12.70 | 10.16 | 11.30 | 5.84 | 2.97 |
| 87891-0206 | ----- | ----- | 2 | ----- | 6 | 5.08 | 2.54 | 11.30 | 5.84 | 2.97 | 87891-0506 | ----- | ----- | 5 | ----- | 6 | 12.70 | 10.16 | 11.30 | 5.84 | 2.97 |
| 87891-0301 | ----- | ----- | 3 | ----- | 1 | 7.62 | 5.08 | 11.30 | 5.84 | 2.97 | 87891-0601 | ----- | ----- | 6 | ----- | 1 | 15.24 | 12.70 | 11.30 | 5.84 | 2.97 |
| 87891-0302 | ----- | ----- | 3 | ----- | 2 | 7.62 | 5.08 | 11.30 | 5.84 | 2.97 | 87891-0612 | ----- | ----- | 6 | ----- | 2 | 15.24 | 12.70 | 11.30 | 5.84 | 2.97 |
| 87891-0303 | ----- | ----- | 3 | ----- | 3 | 7.62 | 5.08 | 11.30 | 5.84 | 2.97 | 87891-0603 | ----- | ----- | 6 | ----- | 3 | 15.24 | 12.70 | 11.30 | 5.84 | 2.97 |
| 87891-0304 | ----- | ----- | 3 | ----- | 4 | 7.62 | 5.08 | 11.30 | 5.84 | 2.97 | 87891-0604 | ----- | ----- | 6 | ----- | 4 | 15.24 | 12.70 | 11.30 | 5.84 | 2.97 |
| 87891-0305 | ----- | ----- | 3 | ----- | 5 | 7.62 | 5.08 | 11.30 | 5.84 | 2.97 | 87891-0605 | ----- | ----- | 6 | ----- | 5 | 15.24 | 12.70 | 11.30 | 5.84 | 2.97 |
| 87891-0306 | ----- | ----- | 3 | ----- | 6 | 7.62 | 5.08 | 11.30 | 5.84 | 2.97 | 87891-0606 | ----- | ----- | 6 | ----- | 6 | 15.24 | 12.70 | 11.30 | 5.84 | 2.97 |

| QUALITY SYMBOLS DESCRIPTION REV | GENERAL TOLERANCES (UNLESS SPECIFIED) <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>± 0.20</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> </table> | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.20 | ± --- | 1 PLACE | ± --- | ± --- | DIMENSION STYLE MM ONLY | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
|---|--|--|---------------------------|---|----------------------------|-------|-------|----------|-------|-------|----------|--------|-------|---------|-------|-------|--|---------------------|-------------------------------|-----------------------------------|
| | | mm | INCH | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.20 | ± --- | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± --- | ± --- | | | | | | | | | | | | | | | | | | |
| DESCRIPTION EWR# 1023 EC NO: S2007-0289 DRWNS:KLI M01 CHKD:CWJAM APPR:KWLEE | 2006/09/29 2006/09/29 2006/09/30 | DRAWN BY YLQ1A0 | DATE 2004/11/17 | TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER | | | | | | | | | | | | | | | | |
| APPROVED BY SCLOW | DATE 2004/12/06 | MATERIAL NO. SEE TABLE | | DOCUMENT NO. SD-87891-013 | SHEET NO. 2 OF 8 | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | |

| PACKAGING OPTION PART NO. | | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | PACKAGING OPTION PART NO. | | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | | | |
|---------------------------|------------|----------|---------------|--------------|------------------|---|-------|-------|-------|---------------------------|------|------------|---------------|--------------|-----------|------------------|---|-------|-------|-------|------|------|
| TRAY | BULK | | | | TUBE WITHOUT CAP | A | B | F | M | P | TRAY | | | | BULK | TUBE WITHOUT CAP | A | B | F | M | P | |
| F | 87891-0711 | ----- | ----- | 7 | ----- | 1 | 17.78 | 15.24 | 11.30 | 5.84 | 2.97 | 87891-1001 | ----- | ----- | 10 | ----- | 1 | 25.40 | 22.86 | 11.30 | 5.84 | 2.97 |
| | 87891-0702 | ----- | ----- | 7 | ----- | 2 | 17.78 | 15.24 | 11.30 | 5.84 | 2.97 | 87891-1002 | ----- | ----- | 10 | ----- | 2 | 25.40 | 22.86 | 11.30 | 5.84 | 2.97 |
| | 87891-0703 | ----- | ----- | 7 | ----- | 3 | 17.78 | 15.24 | 11.30 | 5.84 | 2.97 | 87891-1003 | ----- | ----- | 10 | ----- | 3 | 25.40 | 22.86 | 11.30 | 5.84 | 2.97 |
| | 87891-0704 | ----- | ----- | 7 | ----- | 4 | 17.78 | 15.24 | 11.30 | 5.84 | 2.97 | 87891-1004 | ----- | ----- | 10 | ----- | 4 | 25.40 | 22.86 | 11.30 | 5.84 | 2.97 |
| | 87891-0705 | ----- | ----- | 7 | ----- | 5 | 17.78 | 15.24 | 11.30 | 5.84 | 2.97 | 87891-1005 | ----- | ----- | 10 | ----- | 5 | 25.40 | 22.86 | 11.30 | 5.84 | 2.97 |
| | 87891-0706 | ----- | ----- | 7 | ----- | 6 | 17.78 | 15.24 | 11.30 | 5.84 | 2.97 | 87891-1006 | ----- | ----- | 10 | ----- | 6 | 25.40 | 22.86 | 11.30 | 5.84 | 2.97 |
| E | | | | | | | | | | | | | | | | | | | | | | |
| | 87891-0801 | ----- | ----- | 8 | ----- | 1 | 20.32 | 17.78 | 11.30 | 5.84 | 2.97 | 87891-1101 | ----- | ----- | 11 | ----- | 1 | 27.94 | 25.40 | 11.30 | 5.84 | 2.97 |
| | 87891-0802 | ----- | ----- | 8 | ----- | 2 | 20.32 | 17.78 | 11.30 | 5.84 | 2.97 | 87891-1102 | ----- | ----- | 11 | ----- | 2 | 27.94 | 25.40 | 11.30 | 5.84 | 2.97 |
| | 87891-0803 | ----- | ----- | 8 | ----- | 3 | 20.32 | 17.78 | 11.30 | 5.84 | 2.97 | 87891-1103 | ----- | ----- | 11 | ----- | 3 | 27.94 | 25.40 | 11.30 | 5.84 | 2.97 |
| | 87891-0804 | ----- | ----- | 8 | ----- | 4 | 20.32 | 17.78 | 11.30 | 5.84 | 2.97 | 87891-1104 | ----- | ----- | 11 | ----- | 4 | 27.94 | 25.40 | 11.30 | 5.84 | 2.97 |
| D | 87891-0805 | ----- | ----- | 8 | ----- | 5 | 20.32 | 17.78 | 11.30 | 5.84 | 2.97 | 87891-1105 | ----- | ----- | 11 | ----- | 5 | 27.94 | 25.40 | 11.30 | 5.84 | 2.97 |
| | 87891-0806 | ----- | ----- | 8 | ----- | 6 | 20.32 | 17.78 | 11.30 | 5.84 | 2.97 | 87891-1106 | ----- | ----- | 11 | ----- | 6 | 27.94 | 25.40 | 11.30 | 5.84 | 2.97 |
| | | | | | | | | | | | | | | | | | | | | | | |
| | 87891-0901 | ----- | ----- | 9 | ----- | 1 | 22.86 | 20.32 | 11.30 | 5.84 | 2.97 | 87891-1201 | ----- | ----- | 12 | ----- | 1 | 30.48 | 27.94 | 11.30 | 5.84 | 2.97 |
| | 87891-0902 | ----- | ----- | 9 | ----- | 2 | 22.86 | 20.32 | 11.30 | 5.84 | 2.97 | 87891-1202 | ----- | ----- | 12 | ----- | 2 | 30.48 | 27.94 | 11.30 | 5.84 | 2.97 |
| C | 87891-0903 | ----- | ----- | 9 | ----- | 3 | 22.86 | 20.32 | 11.30 | 5.84 | 2.97 | 87891-1203 | ----- | ----- | 12 | ----- | 3 | 30.48 | 27.94 | 11.30 | 5.84 | 2.97 |
| | 87891-0904 | ----- | ----- | 9 | ----- | 4 | 22.86 | 20.32 | 11.30 | 5.84 | 2.97 | 87891-1204 | ----- | ----- | 12 | ----- | 4 | 30.48 | 27.94 | 11.30 | 5.84 | 2.97 |
| | 87891-0905 | ----- | ----- | 9 | ----- | 5 | 22.86 | 20.32 | 11.30 | 5.84 | 2.97 | 87891-1205 | ----- | ----- | 12 | ----- | 5 | 30.48 | 27.94 | 11.30 | 5.84 | 2.97 |
| | 87891-0906 | ----- | ----- | 9 | ----- | 6 | 22.86 | 20.32 | 11.30 | 5.84 | 2.97 | 87891-1206 | ----- | ----- | 12 | ----- | 6 | 30.48 | 27.94 | 11.30 | 5.84 | 2.97 |
| B | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | |
|---|-----------------------------|--|--------------|-----------------------------------|--------------------|---|-------------------------------------|----------------------------|--|--|--|
| EWR# 1023 EC NO: S2007-0289 DRWNS:KLI M01 2006/09/29 CHKD:CWJAM 2006/09/29 APPR:KWLEE 2006/09/30 | QUALITY SYMBOLS =0 =0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- | mm INCH | DRAWN BY YLQ1A0 | DATE 2004/11/17 | TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER | | | | | |
| | | ANGULAR ± 3 ° | | CHECKED BY PTL IM | DATE 2004/12/01 | MOLEX INCORPORATED | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY SCLOW | DATE 2004/12/06 | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-87891-013 | SHEET NO. 3 OF 8 | | | |

| PACKAGING OPTION PART NO. | | | | | | | | | | PACKAGING OPTION PART NO. | | | | | | | | | | | |
|---------------------------|-------|------------------|----------|---------------|--------------|-----------|-------|-------|------|---------------------------|------------|-------|------------------|----------|---------------|--------------|-----------|-------|-------|------|------|
| TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
| | | | | | | A | B | F | M | P | | | | | | | A | B | F | M | P |
| 87891-1301 | ----- | ----- | 13 | ----- | 1 | 33.02 | 30.48 | 11.30 | 5.84 | 2.97 | 87891-1601 | ----- | ----- | 16 | ----- | 1 | 40.64 | 38.10 | 11.30 | 5.84 | 2.97 |
| 87891-1302 | ----- | ----- | 13 | ----- | 2 | 33.02 | 30.48 | 11.30 | 5.84 | 2.97 | 87891-1602 | ----- | ----- | 16 | ----- | 2 | 40.64 | 38.10 | 11.30 | 5.84 | 2.97 |
| 87891-1303 | ----- | ----- | 13 | ----- | 3 | 33.02 | 30.48 | 11.30 | 5.84 | 2.97 | 87891-1603 | ----- | ----- | 16 | ----- | 3 | 40.64 | 38.10 | 11.30 | 5.84 | 2.97 |
| 87891-1304 | ----- | ----- | 13 | ----- | 4 | 33.02 | 30.48 | 11.30 | 5.84 | 2.97 | 87891-1604 | ----- | ----- | 16 | ----- | 4 | 40.64 | 38.10 | 11.30 | 5.84 | 2.97 |
| 87891-1305 | ----- | ----- | 13 | ----- | 5 | 33.02 | 30.48 | 11.30 | 5.84 | 2.97 | 87891-1605 | ----- | ----- | 16 | ----- | 5 | 40.64 | 38.10 | 11.30 | 5.84 | 2.97 |
| 87891-1306 | ----- | ----- | 13 | ----- | 6 | 33.02 | 30.48 | 11.30 | 5.84 | 2.97 | 87891-1606 | ----- | ----- | 16 | ----- | 6 | 40.64 | 38.10 | 11.30 | 5.84 | 2.97 |
| 87891-1401 | ----- | ----- | 14 | ----- | 1 | 35.56 | 33.02 | 11.30 | 5.84 | 2.97 | 87891-1701 | ----- | ----- | 17 | ----- | 1 | 43.18 | 40.64 | 11.30 | 5.84 | 2.97 |
| 87891-1402 | ----- | ----- | 14 | ----- | 2 | 35.56 | 33.02 | 11.30 | 5.84 | 2.97 | 87891-1702 | ----- | ----- | 17 | ----- | 2 | 43.18 | 40.64 | 11.30 | 5.84 | 2.97 |
| 87891-1403 | ----- | ----- | 14 | ----- | 3 | 35.56 | 33.02 | 11.30 | 5.84 | 2.97 | 87891-1703 | ----- | ----- | 17 | ----- | 3 | 43.18 | 40.64 | 11.30 | 5.84 | 2.97 |
| 87891-1404 | ----- | ----- | 14 | ----- | 4 | 35.56 | 33.02 | 11.30 | 5.84 | 2.97 | 87891-1704 | ----- | ----- | 17 | ----- | 4 | 43.18 | 40.64 | 11.30 | 5.84 | 2.97 |
| 87891-1405 | ----- | ----- | 14 | ----- | 5 | 35.56 | 33.02 | 11.30 | 5.84 | 2.97 | 87891-1705 | ----- | ----- | 17 | ----- | 5 | 43.18 | 40.64 | 11.30 | 5.84 | 2.97 |
| 87891-1406 | ----- | ----- | 14 | ----- | 6 | 35.56 | 33.02 | 11.30 | 5.84 | 2.97 | 87891-1706 | ----- | ----- | 17 | ----- | 6 | 43.18 | 40.64 | 11.30 | 5.84 | 2.97 |
| 87891-1501 | ----- | ----- | 15 | ----- | 1 | 38.10 | 35.56 | 11.30 | 5.84 | 2.97 | 87891-1801 | ----- | ----- | 18 | ----- | 1 | 45.72 | 43.18 | 11.30 | 5.84 | 2.97 |
| 87891-1502 | ----- | ----- | 15 | ----- | 2 | 38.10 | 35.56 | 11.30 | 5.84 | 2.97 | 87891-1802 | ----- | ----- | 18 | ----- | 2 | 45.72 | 43.18 | 11.30 | 5.84 | 2.97 |
| 87891-1503 | ----- | ----- | 15 | ----- | 3 | 38.10 | 35.56 | 11.30 | 5.84 | 2.97 | 87891-1803 | ----- | ----- | 18 | ----- | 3 | 45.72 | 43.18 | 11.30 | 5.84 | 2.97 |
| 87891-1504 | ----- | ----- | 15 | ----- | 4 | 38.10 | 35.56 | 11.30 | 5.84 | 2.97 | 87891-1804 | ----- | ----- | 18 | ----- | 4 | 45.72 | 43.18 | 11.30 | 5.84 | 2.97 |
| 87891-1505 | ----- | ----- | 15 | ----- | 5 | 38.10 | 35.56 | 11.30 | 5.84 | 2.97 | 87891-1805 | ----- | ----- | 18 | ----- | 5 | 45.72 | 43.18 | 11.30 | 5.84 | 2.97 |
| 87891-1506 | ----- | ----- | 15 | ----- | 6 | 38.10 | 35.56 | 11.30 | 5.84 | 2.97 | 87891-1806 | ----- | ----- | 18 | ----- | 6 | 45.72 | 43.18 | 11.30 | 5.84 | 2.97 |

| QUALITY SYMBOLS  = 0  = 0.25 | DESCRIPTION EWR# 1023 EC NO: S2007-0289 DRWNS:KLI M01 2006/09/29 CHKD:CWJAM 2006/09/29 APPR:KWLEE 2006/09/30 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC |  THIRD ANGLE PROJECTION | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|-------|---|----|----------------------------|-------------------------------|---|-------|----------|-------|-------|----------|--------|-------|---------|-------|-------|---|--|----------|------|--------|------------|------------|------|--------|------------|-------------|------|-------|------------|---|--|
| | | <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>± 0.20</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> </table> | | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.20 | ± --- | 1 PLACE | ± --- | ± --- | <table border="1"> <tr><th>DRAWN BY</th><th>DATE</th></tr> <tr><td>YLQIAO</td><td>2004/11/17</td></tr> <tr><th>CHECKED BY</th><th>DATE</th></tr> <tr><td>PTL IM</td><td>2004/12/01</td></tr> <tr><th>APPROVED BY</th><th>DATE</th></tr> <tr><td>SCLOW</td><td>2004/12/06</td></tr> </table> | | DRAWN BY | DATE | YLQIAO | 2004/11/17 | CHECKED BY | DATE | PTL IM | 2004/12/01 | APPROVED BY | DATE | SCLOW | 2004/12/06 | TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER | |
| | | | mm | INCH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.20 | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| YLQIAO | 2004/11/17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHECKED BY | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTL IM | 2004/12/01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APPROVED BY | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCLOW | 2004/12/06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANGULAR ± 3 ° | | MATERIAL NO. SEE TABLE | | DOCUMENT NO. SD-87891-013 | | SHEET NO. 4 OF 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SIZE  | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| PACKAGING OPTION PART NO. | | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | PACKAGING OPTION PART NO. | | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | | | | |
|---------------------------|------------|----------|---------------|--------------|------------------|---|-------|-------|-------|---------------------------|------|------------|---------------|--------------|-----------|------------------|---|-------|-------|-------|------|------|---|
| TRAY | BULK | | | | TUBE WITHOUT CAP | A | B | F | M | P | TRAY | | | | BULK | TUBE WITHOUT CAP | A | B | F | M | P | | |
| F | 87891-1901 | ----- | ----- | 19 | ---- | 1 | 48.26 | 45.72 | 11.30 | 5.84 | 2.97 | 87891-2201 | ----- | ----- | 22 | ---- | 1 | 55.88 | 53.34 | 11.30 | 5.84 | 2.97 | F |
| | 87891-1902 | ----- | ----- | 19 | ---- | 2 | 48.26 | 45.72 | 11.30 | 5.84 | 2.97 | 87891-2202 | ----- | ----- | 22 | ---- | 2 | 55.88 | 53.34 | 11.30 | 5.84 | 2.97 | |
| | 87891-1903 | ----- | ----- | 19 | ---- | 3 | 48.26 | 45.72 | 11.30 | 5.84 | 2.97 | 87891-2203 | ----- | ----- | 22 | ---- | 3 | 55.88 | 53.34 | 11.30 | 5.84 | 2.97 | |
| | 87891-1904 | ----- | ----- | 19 | ---- | 4 | 48.26 | 45.72 | 11.30 | 5.84 | 2.97 | 87891-2204 | ----- | ----- | 22 | ---- | 4 | 55.88 | 53.34 | 11.30 | 5.84 | 2.97 | |
| | 87891-1905 | ----- | ----- | 19 | ---- | 5 | 48.26 | 45.72 | 11.30 | 5.84 | 2.97 | 87891-2205 | ----- | ----- | 22 | ---- | 5 | 55.88 | 53.34 | 11.30 | 5.84 | 2.97 | |
| | 87891-1906 | ----- | ----- | 19 | ---- | 6 | 48.26 | 45.72 | 11.30 | 5.84 | 2.97 | 87891-2206 | ----- | ----- | 22 | ---- | 6 | 55.88 | 53.34 | 11.30 | 5.84 | 2.97 | |
| E | | | | | | | | | | | | | | | | | | | | | | | E |
| | 87891-2001 | ----- | ----- | 20 | ---- | 1 | 50.80 | 48.26 | 11.30 | 5.84 | 2.97 | 87891-2301 | ----- | ----- | 23 | ---- | 1 | 58.42 | 55.88 | 11.30 | 5.84 | 2.97 | |
| | 87891-2002 | ----- | ----- | 20 | ---- | 2 | 50.80 | 48.26 | 11.30 | 5.84 | 2.97 | 87891-2302 | ----- | ----- | 23 | ---- | 2 | 58.42 | 55.88 | 11.30 | 5.84 | 2.97 | |
| | 87891-2003 | ----- | ----- | 20 | ---- | 3 | 50.80 | 48.26 | 11.30 | 5.84 | 2.97 | 87891-2303 | ----- | ----- | 23 | ---- | 3 | 58.42 | 55.88 | 11.30 | 5.84 | 2.97 | |
| | 87891-2004 | ----- | ----- | 20 | ---- | 4 | 50.80 | 48.26 | 11.30 | 5.84 | 2.97 | 87891-2304 | ----- | ----- | 23 | ---- | 4 | 58.42 | 55.88 | 11.30 | 5.84 | 2.97 | |
| D | 87891-2005 | ----- | ----- | 20 | ---- | 5 | 50.80 | 48.26 | 11.30 | 5.84 | 2.97 | 87891-2305 | ----- | ----- | 23 | ---- | 5 | 58.42 | 55.88 | 11.30 | 5.84 | 2.97 | D |
| | 87891-2006 | ----- | ----- | 20 | ---- | 6 | 50.80 | 48.26 | 11.30 | 5.84 | 2.97 | 87891-2306 | ----- | ----- | 23 | ---- | 6 | 58.42 | 55.88 | 11.30 | 5.84 | 2.97 | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | 87891-2101 | ----- | ----- | 21 | ---- | 1 | 53.34 | 50.80 | 11.30 | 5.84 | 2.97 | 87891-2401 | ----- | ----- | 24 | ---- | 1 | 60.96 | 58.42 | 11.30 | 5.84 | 2.97 | |
| | 87891-2102 | ----- | ----- | 21 | ---- | 2 | 53.34 | 50.80 | 11.30 | 5.84 | 2.97 | 87891-2402 | ----- | ----- | 24 | ---- | 2 | 60.96 | 58.42 | 11.30 | 5.84 | 2.97 | |
| C | 87891-2103 | ----- | ----- | 21 | ---- | 3 | 53.34 | 50.80 | 11.30 | 5.84 | 2.97 | 87891-2403 | ----- | ----- | 24 | ---- | 3 | 60.96 | 58.42 | 11.30 | 5.84 | 2.97 | C |
| | 87891-2104 | ----- | ----- | 21 | ---- | 4 | 53.34 | 50.80 | 11.30 | 5.84 | 2.97 | 87891-2404 | ----- | ----- | 24 | ---- | 4 | 60.96 | 58.42 | 11.30 | 5.84 | 2.97 | |
| | 87891-2105 | ----- | ----- | 21 | ---- | 5 | 53.34 | 50.80 | 11.30 | 5.84 | 2.97 | 87891-2405 | ----- | ----- | 24 | ---- | 5 | 60.96 | 58.42 | 11.30 | 5.84 | 2.97 | |
| | 87891-2106 | ----- | ----- | 21 | ---- | 6 | 53.34 | 50.80 | 11.30 | 5.84 | 2.97 | 87891-2406 | ----- | ----- | 24 | ---- | 6 | 60.96 | 58.42 | 11.30 | 5.84 | 2.97 | |
| B | | | | | | | | | | | | | | | | | | | | | | | B |

| | | | | | | | | | | | |
|---|-------------------------------|--|--------------|-----------------------------------|--------------------|---|-------------------------------------|----------------------------|--|--|--|
| EWB# 1023 EC NO: S2007-0289 DRWNS:SKLIM01 2006/09/29 CHKD:CWJAM 2006/09/29 APPR:KWLEE 2006/09/30 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- | mm INCH | DRAWN BY YLQ1A0 | DATE 2004/11/17 | TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER | | | | | |
| | | ANGULAR ± 3 ° | | CHECKED BY PTL IM | DATE 2004/12/01 | MOLEX INCORPORATED | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY SCLOW | DATE 2004/12/06 | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-87891-013 | SHEET NO. 5 OF 8 | | | |

| PACKAGING OPTION PART NO. | | | | | | | | | | PACKAGING OPTION PART NO. | | | | | | | | | | | | |
|---------------------------|------------|------------------|----------|---------------|--------------|-----------|-------|-------|-------|---------------------------|------|-------|------------------|----------|---------------|--------------|-----------|-------|-------|-------|------|------|
| TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | |
| | | | | | | A | B | F | M | P | | | | | | | A | B | F | M | P | |
| F | 87891-2501 | ----- | ----- | 25 | ---- | 1 | 63.50 | 60.96 | 11.30 | 5.84 | 2.97 | ----- | 87891-2801 | ----- | 28 | ---- | 1 | 71.12 | 68.58 | 11.30 | 5.84 | 2.97 |
| | 87891-2502 | ----- | ----- | 25 | ---- | 2 | 63.50 | 60.96 | 11.30 | 5.84 | 2.97 | ----- | 87891-2802 | ----- | 28 | ---- | 2 | 71.12 | 68.58 | 11.30 | 5.84 | 2.97 |
| | 87891-2503 | ----- | ----- | 25 | ---- | 3 | 63.50 | 60.96 | 11.30 | 5.84 | 2.97 | ----- | 87891-2803 | ----- | 28 | ---- | 3 | 71.12 | 68.58 | 11.30 | 5.84 | 2.97 |
| | 87891-2504 | ----- | ----- | 25 | ---- | 4 | 63.50 | 60.96 | 11.30 | 5.84 | 2.97 | ----- | 87891-2804 | ----- | 28 | ---- | 4 | 71.12 | 68.58 | 11.30 | 5.84 | 2.97 |
| | 87891-2505 | ----- | ----- | 25 | ---- | 5 | 63.50 | 60.96 | 11.30 | 5.84 | 2.97 | ----- | 87891-2805 | ----- | 28 | ---- | 5 | 71.12 | 68.58 | 11.30 | 5.84 | 2.97 |
| | 87891-2506 | ----- | ----- | 25 | ---- | 6 | 63.50 | 60.96 | 11.30 | 5.84 | 2.97 | ----- | 87891-2806 | ----- | 28 | ---- | 6 | 71.12 | 68.58 | 11.30 | 5.84 | 2.97 |
| E | | | | | | | | | | | | | | | | | | | | | | |
| | ----- | 87891-2611 | ----- | 26 | ---- | 1 | 66.04 | 63.50 | 11.30 | 5.84 | 2.97 | ----- | 87891-2901 | ----- | 29 | ---- | 1 | 73.66 | 71.12 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-2602 | ----- | 26 | ---- | 2 | 66.04 | 63.50 | 11.30 | 5.84 | 2.97 | ----- | 87891-2902 | ----- | 29 | ---- | 2 | 73.66 | 71.12 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-2603 | ----- | 26 | ---- | 3 | 66.04 | 63.50 | 11.30 | 5.84 | 2.97 | ----- | 87891-2903 | ----- | 29 | ---- | 3 | 73.66 | 71.12 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-2604 | ----- | 26 | ---- | 4 | 66.04 | 63.50 | 11.30 | 5.84 | 2.97 | ----- | 87891-2904 | ----- | 29 | ---- | 4 | 73.66 | 71.12 | 11.30 | 5.84 | 2.97 |
| D | ----- | 87891-2605 | ----- | 26 | ---- | 5 | 66.04 | 63.50 | 11.30 | 5.84 | 2.97 | ----- | 87891-2905 | ----- | 29 | ---- | 5 | 73.66 | 71.12 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-2606 | ----- | 26 | ---- | 6 | 66.04 | 63.50 | 11.30 | 5.84 | 2.97 | ----- | 87891-2906 | ----- | 29 | ---- | 6 | 73.66 | 71.12 | 11.30 | 5.84 | 2.97 |
| | | | | | | | | | | | | | | | | | | | | | | |
| | ----- | 87891-2701 | ----- | 27 | ---- | 1 | 68.58 | 66.04 | 11.30 | 5.84 | 2.97 | ----- | 87891-3001 | ----- | 30 | ---- | 1 | 76.20 | 73.66 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-2702 | ----- | 27 | ---- | 2 | 68.58 | 66.04 | 11.30 | 5.84 | 2.97 | ----- | 87891-3002 | ----- | 30 | ---- | 2 | 76.20 | 73.66 | 11.30 | 5.84 | 2.97 |
| C | ----- | 87891-2703 | ----- | 27 | ---- | 3 | 68.58 | 66.04 | 11.30 | 5.84 | 2.97 | ----- | 87891-3003 | ----- | 30 | ---- | 3 | 76.20 | 73.66 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-2704 | ----- | 27 | ---- | 4 | 68.58 | 66.04 | 11.30 | 5.84 | 2.97 | ----- | 87891-3004 | ----- | 30 | ---- | 4 | 76.20 | 73.66 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-2705 | ----- | 27 | ---- | 5 | 68.58 | 66.04 | 11.30 | 5.84 | 2.97 | ----- | 87891-3005 | ----- | 30 | ---- | 5 | 76.20 | 73.66 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-2706 | ----- | 27 | ---- | 6 | 68.58 | 66.04 | 11.30 | 5.84 | 2.97 | ----- | 87891-3006 | ----- | 30 | ---- | 6 | 76.20 | 73.66 | 11.30 | 5.84 | 2.97 |
| B | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | |
|---|-----------------------------|--|--------------|-----------------------------------|--------------------|---|------------------------|----------------------------|--|--|--|
| EWR# 1023 EC NO: S2007-0289 DRWNS:KLI M01 2006/09/29 CHKD:CWJAM 2006/09/29 APPR:KWLEE 2006/09/30 | QUALITY SYMBOLS =0 =0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- | mm INCH | DRAWN BY YLQ1A0 | DATE 2004/11/17 | TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER | | | | | |
| | | ANGULAR ± 3 ° | | APPROVED BY SCLW | DATE 2004/12/06 | MOLEX INCORPORATED | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. SEE TABLE | | DOCUMENT NO. SD-87891-013 | | SHEET NO. 6 OF 8 | | | |

| PACKAGING OPTION PART NO. | | | | | | | | | | PACKAGING OPTION PART NO. | | | | | | | | | | | |
|---------------------------|------------|------------------|----------|---------------|--------------|-----------|-------|-------|------|---------------------------|-------|------------|------------------|----------|---------------|--------------|-----------|-------|-------|------|------|
| TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
| | | | | | | A | B | F | M | P | | | | | | | A | B | F | M | P |
| ----- | 87891-3101 | ----- | 31 | ----- | 1 | 78.74 | 76.20 | 11.30 | 5.84 | 2.97 | ----- | 87891-3401 | ----- | 34 | ----- | 1 | 86.36 | 83.82 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3102 | ----- | 31 | ----- | 2 | 78.74 | 76.20 | 11.30 | 5.84 | 2.97 | ----- | 87891-3402 | ----- | 34 | ----- | 2 | 86.36 | 83.82 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3103 | ----- | 31 | ----- | 3 | 78.74 | 76.20 | 11.30 | 5.84 | 2.97 | ----- | 87891-3403 | ----- | 34 | ----- | 3 | 86.36 | 83.82 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3104 | ----- | 31 | ----- | 4 | 78.74 | 76.20 | 11.30 | 5.84 | 2.97 | ----- | 87891-3404 | ----- | 34 | ----- | 4 | 86.36 | 83.82 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3105 | ----- | 31 | ----- | 5 | 78.74 | 76.20 | 11.30 | 5.84 | 2.97 | ----- | 87891-3405 | ----- | 34 | ----- | 5 | 86.36 | 83.82 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3106 | ----- | 31 | ----- | 6 | 78.74 | 76.20 | 11.30 | 5.84 | 2.97 | ----- | 87891-3406 | ----- | 34 | ----- | 6 | 86.36 | 83.82 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3201 | ----- | 32 | ----- | 1 | 81.28 | 78.74 | 11.30 | 5.84 | 2.97 | ----- | 87891-3501 | ----- | 35 | ----- | 1 | 88.90 | 86.36 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3202 | ----- | 32 | ----- | 2 | 81.28 | 78.74 | 11.30 | 5.84 | 2.97 | ----- | 87891-3502 | ----- | 35 | ----- | 2 | 88.90 | 86.36 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3203 | ----- | 32 | ----- | 3 | 81.28 | 78.74 | 11.30 | 5.84 | 2.97 | ----- | 87891-3503 | ----- | 35 | ----- | 3 | 88.90 | 86.36 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3204 | ----- | 32 | ----- | 4 | 81.28 | 78.74 | 11.30 | 5.84 | 2.97 | ----- | 87891-3504 | ----- | 35 | ----- | 4 | 88.90 | 86.36 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3205 | ----- | 32 | ----- | 5 | 81.28 | 78.74 | 11.30 | 5.84 | 2.97 | ----- | 87891-3505 | ----- | 35 | ----- | 5 | 88.90 | 86.36 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3206 | ----- | 32 | ----- | 6 | 81.28 | 78.74 | 11.30 | 5.84 | 2.97 | ----- | 87891-3506 | ----- | 35 | ----- | 6 | 88.90 | 86.36 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3301 | ----- | 33 | ----- | 1 | 83.82 | 81.28 | 11.30 | 5.84 | 2.97 | ----- | 87891-3611 | ----- | 36 | ----- | 1 | 91.44 | 88.90 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3302 | ----- | 33 | ----- | 2 | 83.82 | 81.28 | 11.30 | 5.84 | 2.97 | ----- | 87891-3602 | ----- | 36 | ----- | 2 | 91.44 | 88.90 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3303 | ----- | 33 | ----- | 3 | 83.82 | 81.28 | 11.30 | 5.84 | 2.97 | ----- | 87891-3603 | ----- | 36 | ----- | 3 | 91.44 | 88.90 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3304 | ----- | 33 | ----- | 4 | 83.82 | 81.28 | 11.30 | 5.84 | 2.97 | ----- | 87891-3604 | ----- | 36 | ----- | 4 | 91.44 | 88.90 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3305 | ----- | 33 | ----- | 5 | 83.82 | 81.28 | 11.30 | 5.84 | 2.97 | ----- | 87891-3605 | ----- | 36 | ----- | 5 | 91.44 | 88.90 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3306 | ----- | 33 | ----- | 6 | 83.82 | 81.28 | 11.30 | 5.84 | 2.97 | ----- | 87891-3606 | ----- | 36 | ----- | 6 | 91.44 | 88.90 | 11.30 | 5.84 | 2.97 |

| | | | | | | | | | | | |
|---|-----------------------------|--|--------------|-----------------------------------|--------------------|---|------------------------|-------------------------------------|----------------------------|--|--|
| EWB# 1023 EC NO: S2007-0289 DRWNS:KLI M01 2006/09/29 CHKD:CWJAM 2006/09/29 APPR:KWLEE 2006/09/30 | QUALITY SYMBOLS =0 =0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- | mm INCH | DRAWN BY YLQIAO | DATE 2004/11/17 | TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER | | | | | |
| | | ANGULAR ± 3 ° | | CHECKED BY PTL IM | DATE 2004/12/01 | | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY SCLOW | DATE 2004/12/06 | MATERIAL NO. SEE TABLE | | DOCUMENT NO. SD-87891-013 | SHEET NO. 7 OF 8 | | |

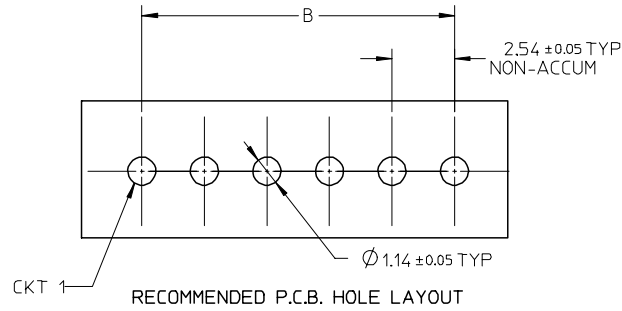
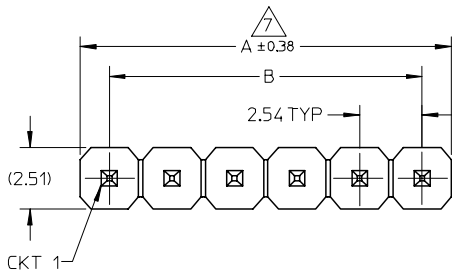
| PACKAGING OPTION PART NO. | | | | | | | | | | PACKAGING OPTION PART NO. | | | | | | | | | | | | |
|---------------------------|-------|------------------|----------|---------------|--------------|-----------|-------|-------|-------|---------------------------|------|-------|------------------|----------|---------------|--------------|-----------|--------|-------|-------|------|------|
| TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | |
| | | | | | | A | B | F | M | P | | | | | | | A | B | F | M | P | |
| F | ----- | 87891-3701 | ----- | 37 | ---- | 1 | 93.98 | 91.44 | 11.30 | 5.84 | 2.97 | ----- | 87891-4001 | ----- | 40 | ---- | 1 | 101.60 | 99.06 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-3702 | ----- | 37 | ---- | 2 | 93.98 | 91.44 | 11.30 | 5.84 | 2.97 | ----- | 87891-4002 | ----- | 40 | ---- | 2 | 101.60 | 99.06 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-3703 | ----- | 37 | ---- | 3 | 93.98 | 91.44 | 11.30 | 5.84 | 2.97 | ----- | 87891-4003 | ----- | 40 | ---- | 3 | 101.60 | 99.06 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-3704 | ----- | 37 | ---- | 4 | 93.98 | 91.44 | 11.30 | 5.84 | 2.97 | ----- | 87891-4004 | ----- | 40 | ---- | 4 | 101.60 | 99.06 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-3705 | ----- | 37 | ---- | 5 | 93.98 | 91.44 | 11.30 | 5.84 | 2.97 | ----- | 87891-4005 | ----- | 40 | ---- | 5 | 101.60 | 99.06 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-3706 | ----- | 37 | ---- | 6 | 93.98 | 91.44 | 11.30 | 5.84 | 2.97 | ----- | 87891-4006 | ----- | 40 | ---- | 6 | 101.60 | 99.06 | 11.30 | 5.84 | 2.97 |
| E | | | | | | | | | | | | | | | | | | | | | | |
| | ----- | 87891-3801 | ----- | 38 | ---- | 1 | 96.52 | 93.98 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| | ----- | 87891-3802 | ----- | 38 | ---- | 2 | 96.52 | 93.98 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| | ----- | 87891-3803 | ----- | 38 | ---- | 3 | 96.52 | 93.98 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| | ----- | 87891-3804 | ----- | 38 | ---- | 4 | 96.52 | 93.98 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| D | ----- | 87891-3805 | ----- | 38 | ---- | 5 | 96.52 | 93.98 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| | ----- | 87891-3806 | ----- | 38 | ---- | 6 | 96.52 | 93.98 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | ----- | 87891-3901 | ----- | 39 | ---- | 1 | 99.06 | 96.52 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| | ----- | 87891-3902 | ----- | 39 | ---- | 2 | 99.06 | 96.52 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| C | ----- | 87891-3903 | ----- | 39 | ---- | 3 | 99.06 | 96.52 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| | ----- | 87891-3904 | ----- | 39 | ---- | 4 | 99.06 | 96.52 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| | ----- | 87891-3905 | ----- | 39 | ---- | 5 | 99.06 | 96.52 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| | ----- | 87891-3906 | ----- | 39 | ---- | 6 | 99.06 | 96.52 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| B | | | | | | | | | | | | | | | | | | | | | | |

| EWB# 1023 EC NO: S2007-0289 DRWNS:KLI M01 CHKD:CWAM APPR:KWLEE | 2006/09/29 2006/09/29 2006/09/30 | DESCRIPTION REV | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr><th colspan="2">mm</th><th colspan="2">INCH</th></tr> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± 0.20</td><td>± ---</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td><td>± ---</td></tr> </table> | mm | | INCH | | 4 PLACES | ± --- | ± --- | ± --- | 3 PLACES | ± --- | ± --- | ± --- | 2 PLACES | ± 0.20 | ± --- | ± --- | 1 PLACE | ± --- | ± --- | ± --- | DIMENSION STYLE MM ONLY | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
|---|--|---|-------------------------------------|--|-------|-------|------|--|----------|-------|-------|-------|----------|-------|-------|-------|----------|--------|-------|-------|---------|-------|-------|-------|-----------------------------------|--------------|------------------------|------------------------|
| | | | mm | | INCH | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 4 PLACES | ± --- | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | |
| | | | 3 PLACES | ± --- | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.20 | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± --- | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY YLQ1A0 | DATE 2004/11/17 | TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHECKED BY PTL IM | DATE 2004/12/01 | MOLEX INCORPORATED | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APPROVED BY SCLOW | DATE 2004/12/06 | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-87891-013 | SHEET NO. 8 OF 8 | | | | | | | | | | | | | | | | | | | | | | | | |

10 9 8 7 6 5 4 3 2 1

F

F

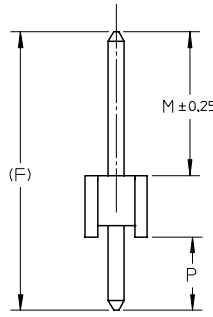
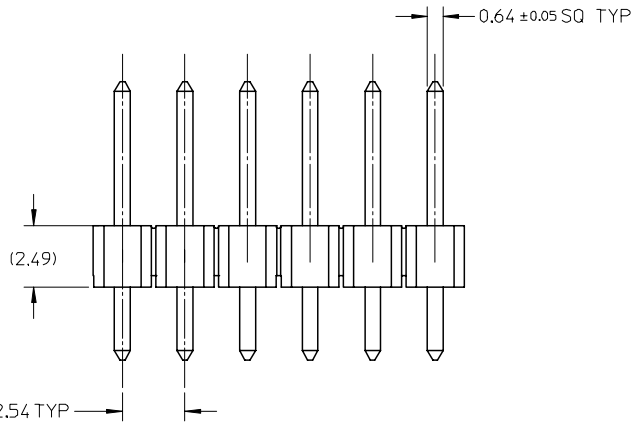


NOTES

1. MATERIAL:
HSG: NYLON, GLASS-FILLED, UL94V-0 COLOR: BLACK
PIN: 0.64MM SQ, COPPER ALLOY
2. PLATING TYPE:
 - (1) GOLD FLASH OVER
1.270µm MIN. NICKEL OVERALL.
 - (2) GOLD FLASH ON CONTACT AND
1.905µm MIN. TIN ON SOLDER TAIL OVER
1.270µm MIN. NICKEL OVERALL.
 - (3) 0.254µm MIN. GOLD PLATE ON CONTACT AND
1.905µm MIN. TIN ON SOLDER TAIL OVER
1.270µm MIN. NICKEL OVERALL.
 - (4) 0.381µm MIN. GOLD PLATE ON CONTACT AND
1.905µm MIN. TIN ON SOLDER TAIL OVER
1.270µm MIN. NICKEL OVERALL.
 - (5) 0.762µm MIN. GOLD PLATE ON CONTACT AND
1.905µm MIN. TIN ON SOLDER TAIL OVER
1.270µm MIN. NICKEL OVERALL.
 - (6) 2.540µm/100µm MIN TIN OVERALL
1.270µm/50µm NICKEL OVERALL
3. PRODUCT SPECIFICATION: PS-87920-019
4. PACKAGING TYPE: SEE TABLE
5. WAFER TO BE FLAT WITHIN 0.003 mm/mm
6. RECOMMENDED PCB THICKNESS IS 1.60mm±0.10
- △ IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
8. THE ABOVE CKT 6 IS FOR ILLUSTRATION PURPOSE ONLY
9. PACKAGING SPECIFICATION:
TRAY: PK-89990-489
BULK: PK-89990-491

E

D



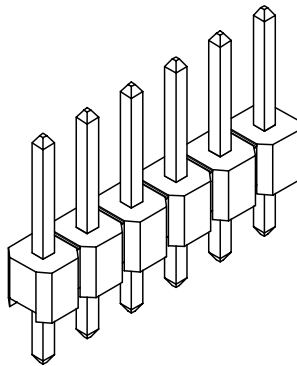
D

C

C

B

B



A

A

| | | | | | | | | |
|---|--|--------------------|-----------------|--|--|--|---|------------------------|
| EWR# 1023 EC NO: S2007-0289 DRWN:SKLIM01 CHKD:CWAM APPR:KWLEE | 2006/09/29 2006/09/29 2006/09/30 | DESCRIPTION REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | | | ▽=0 ∇=0 | mm INCH | MM ONLY | NTS | METRIC | |
| | | | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- | DRAWN BY DATE YLQ1A0 2004/11/17 CHECKED BY DATE PTL IM 2004/12/01 APPROVED BY DATE SCLOW 2004/12/06 | TITLE | CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER | |
| | | | | ANGULAR ± 3 ° | MATERIAL NO. SEE TABLE | MOLEX INCORPORATED DOCUMENT NO. SD-87891-013 | | SHEET NO. 1 OF 8 |

9 8 7 6 5 4 3 2 1




| PACKAGING OPTION PART NO. | | | | | | | | | | PACKAGING OPTION PART NO. | | | | | | | | | | | |
|---------------------------|-------|------------------|----------|---------------|--------------|-----------|------|-------|------|---------------------------|------------|-------|------------------|----------|---------------|--------------|-----------|-------|-------|------|------|
| TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
| | | | | | | A | B | F | M | P | | | | | | | A | B | F | M | P |
| 87891-0101 | ----- | ----- | 1 | ----- | 1 | 2.54 | ---- | 11.30 | 5.84 | 2.97 | 87891-0401 | ----- | ----- | 4 | ----- | 1 | 10.16 | 7.62 | 11.30 | 5.84 | 2.97 |
| 87891-0102 | ----- | ----- | 1 | ----- | 2 | 2.54 | ---- | 11.30 | 5.84 | 2.97 | 87891-0412 | ----- | ----- | 4 | ----- | 2 | 10.16 | 7.62 | 11.30 | 5.84 | 2.97 |
| 87891-0103 | ----- | ----- | 1 | ----- | 3 | 2.54 | ---- | 11.30 | 5.84 | 2.97 | 87891-0403 | ----- | ----- | 4 | ----- | 3 | 10.16 | 7.62 | 11.30 | 5.84 | 2.97 |
| 87891-0104 | ----- | ----- | 1 | ----- | 4 | 2.54 | ---- | 11.30 | 5.84 | 2.97 | 87891-0404 | ----- | ----- | 4 | ----- | 4 | 10.16 | 7.62 | 11.30 | 5.84 | 2.97 |
| 87891-0105 | ----- | ----- | 1 | ----- | 5 | 2.54 | ---- | 11.30 | 5.84 | 2.97 | 87891-0405 | ----- | ----- | 4 | ----- | 5 | 10.16 | 7.62 | 11.30 | 5.84 | 2.97 |
| 87891-0106 | ----- | ----- | 1 | ----- | 6 | 2.54 | ---- | 11.30 | 5.84 | 2.97 | 87891-0406 | ----- | ----- | 4 | ----- | 6 | 10.16 | 7.62 | 11.30 | 5.84 | 2.97 |
| 87891-0201 | ----- | ----- | 2 | ----- | 1 | 5.08 | 2.54 | 11.30 | 5.84 | 2.97 | 87891-0511 | ----- | ----- | 5 | ----- | 1 | 12.70 | 10.16 | 11.30 | 5.84 | 2.97 |
| 87891-0202 | ----- | ----- | 2 | ----- | 2 | 5.08 | 2.54 | 11.30 | 5.84 | 2.97 | 87891-0512 | ----- | ----- | 5 | ----- | 2 | 12.70 | 10.16 | 11.30 | 5.84 | 2.97 |
| 87891-0203 | ----- | ----- | 2 | ----- | 3 | 5.08 | 2.54 | 11.30 | 5.84 | 2.97 | 87891-0513 | ----- | ----- | 5 | ----- | 3 | 12.70 | 10.16 | 11.30 | 5.84 | 2.97 |
| 87891-0204 | ----- | ----- | 2 | ----- | 4 | 5.08 | 2.54 | 11.30 | 5.84 | 2.97 | 87891-0514 | ----- | ----- | 5 | ----- | 4 | 12.70 | 10.16 | 11.30 | 5.84 | 2.97 |
| 87891-0205 | ----- | ----- | 2 | ----- | 5 | 5.08 | 2.54 | 11.30 | 5.84 | 2.97 | 87891-0515 | ----- | ----- | 5 | ----- | 5 | 12.70 | 10.16 | 11.30 | 5.84 | 2.97 |
| 87891-0206 | ----- | ----- | 2 | ----- | 6 | 5.08 | 2.54 | 11.30 | 5.84 | 2.97 | 87891-0506 | ----- | ----- | 5 | ----- | 6 | 12.70 | 10.16 | 11.30 | 5.84 | 2.97 |
| 87891-0301 | ----- | ----- | 3 | ----- | 1 | 7.62 | 5.08 | 11.30 | 5.84 | 2.97 | 87891-0601 | ----- | ----- | 6 | ----- | 1 | 15.24 | 12.70 | 11.30 | 5.84 | 2.97 |
| 87891-0302 | ----- | ----- | 3 | ----- | 2 | 7.62 | 5.08 | 11.30 | 5.84 | 2.97 | 87891-0612 | ----- | ----- | 6 | ----- | 2 | 15.24 | 12.70 | 11.30 | 5.84 | 2.97 |
| 87891-0303 | ----- | ----- | 3 | ----- | 3 | 7.62 | 5.08 | 11.30 | 5.84 | 2.97 | 87891-0603 | ----- | ----- | 6 | ----- | 3 | 15.24 | 12.70 | 11.30 | 5.84 | 2.97 |
| 87891-0304 | ----- | ----- | 3 | ----- | 4 | 7.62 | 5.08 | 11.30 | 5.84 | 2.97 | 87891-0604 | ----- | ----- | 6 | ----- | 4 | 15.24 | 12.70 | 11.30 | 5.84 | 2.97 |
| 87891-0305 | ----- | ----- | 3 | ----- | 5 | 7.62 | 5.08 | 11.30 | 5.84 | 2.97 | 87891-0605 | ----- | ----- | 6 | ----- | 5 | 15.24 | 12.70 | 11.30 | 5.84 | 2.97 |
| 87891-0306 | ----- | ----- | 3 | ----- | 6 | 7.62 | 5.08 | 11.30 | 5.84 | 2.97 | 87891-0606 | ----- | ----- | 6 | ----- | 6 | 15.24 | 12.70 | 11.30 | 5.84 | 2.97 |

| | | | | | | | | | | | |
|---|-----------------------------|--|--------------|-----------------------------------|--------------------|---|-------------------------------------|----------------------------|--|--|--|
| EWR# 1023 EC NO: S2007-0289 DRWNS:KLI M01 2006/09/29 CHKD:CWJAM 2006/09/29 APPR:KWLEE 2006/09/30 | QUALITY SYMBOLS =0 =0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- | mm INCH | DRAWN BY YLQ1A0 | DATE 2004/11/17 | TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER | | | | | |
| | | ANGULAR ± 3 ° | | CHECKED BY PTL IM | DATE 2004/12/01 | MOLEX INCORPORATED | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY SCLOW | DATE 2004/12/06 | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-87891-013 | SHEET NO. 2 OF 8 | | | |




| PACKAGING OPTION PART NO. | | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | PACKAGING OPTION PART NO. | | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | | | |
|---------------------------|------------|----------|---------------|--------------|------------------|---|-------|-------|-------|---------------------------|------|------------|---------------|--------------|-----------|------------------|---|-------|-------|-------|------|------|
| TRAY | BULK | | | | TUBE WITHOUT CAP | A | B | F | M | P | TRAY | | | | BULK | TUBE WITHOUT CAP | A | B | F | M | P | |
| F | 87891-0711 | ----- | ----- | 7 | ----- | 1 | 17.78 | 15.24 | 11.30 | 5.84 | 2.97 | 87891-1001 | ----- | ----- | 10 | ----- | 1 | 25.40 | 22.86 | 11.30 | 5.84 | 2.97 |
| | 87891-0702 | ----- | ----- | 7 | ----- | 2 | 17.78 | 15.24 | 11.30 | 5.84 | 2.97 | 87891-1002 | ----- | ----- | 10 | ----- | 2 | 25.40 | 22.86 | 11.30 | 5.84 | 2.97 |
| | 87891-0703 | ----- | ----- | 7 | ----- | 3 | 17.78 | 15.24 | 11.30 | 5.84 | 2.97 | 87891-1003 | ----- | ----- | 10 | ----- | 3 | 25.40 | 22.86 | 11.30 | 5.84 | 2.97 |
| | 87891-0704 | ----- | ----- | 7 | ----- | 4 | 17.78 | 15.24 | 11.30 | 5.84 | 2.97 | 87891-1004 | ----- | ----- | 10 | ----- | 4 | 25.40 | 22.86 | 11.30 | 5.84 | 2.97 |
| | 87891-0705 | ----- | ----- | 7 | ----- | 5 | 17.78 | 15.24 | 11.30 | 5.84 | 2.97 | 87891-1005 | ----- | ----- | 10 | ----- | 5 | 25.40 | 22.86 | 11.30 | 5.84 | 2.97 |
| | 87891-0706 | ----- | ----- | 7 | ----- | 6 | 17.78 | 15.24 | 11.30 | 5.84 | 2.97 | 87891-1006 | ----- | ----- | 10 | ----- | 6 | 25.40 | 22.86 | 11.30 | 5.84 | 2.97 |
| E | | | | | | | | | | | | | | | | | | | | | | |
| | 87891-0801 | ----- | ----- | 8 | ----- | 1 | 20.32 | 17.78 | 11.30 | 5.84 | 2.97 | 87891-1101 | ----- | ----- | 11 | ----- | 1 | 27.94 | 25.40 | 11.30 | 5.84 | 2.97 |
| | 87891-0802 | ----- | ----- | 8 | ----- | 2 | 20.32 | 17.78 | 11.30 | 5.84 | 2.97 | 87891-1102 | ----- | ----- | 11 | ----- | 2 | 27.94 | 25.40 | 11.30 | 5.84 | 2.97 |
| | 87891-0803 | ----- | ----- | 8 | ----- | 3 | 20.32 | 17.78 | 11.30 | 5.84 | 2.97 | 87891-1103 | ----- | ----- | 11 | ----- | 3 | 27.94 | 25.40 | 11.30 | 5.84 | 2.97 |
| | 87891-0804 | ----- | ----- | 8 | ----- | 4 | 20.32 | 17.78 | 11.30 | 5.84 | 2.97 | 87891-1104 | ----- | ----- | 11 | ----- | 4 | 27.94 | 25.40 | 11.30 | 5.84 | 2.97 |
| D | 87891-0805 | ----- | ----- | 8 | ----- | 5 | 20.32 | 17.78 | 11.30 | 5.84 | 2.97 | 87891-1105 | ----- | ----- | 11 | ----- | 5 | 27.94 | 25.40 | 11.30 | 5.84 | 2.97 |
| | 87891-0806 | ----- | ----- | 8 | ----- | 6 | 20.32 | 17.78 | 11.30 | 5.84 | 2.97 | 87891-1106 | ----- | ----- | 11 | ----- | 6 | 27.94 | 25.40 | 11.30 | 5.84 | 2.97 |
| | | | | | | | | | | | | | | | | | | | | | | |
| | 87891-0901 | ----- | ----- | 9 | ----- | 1 | 22.86 | 20.32 | 11.30 | 5.84 | 2.97 | 87891-1201 | ----- | ----- | 12 | ----- | 1 | 30.48 | 27.94 | 11.30 | 5.84 | 2.97 |
| | 87891-0902 | ----- | ----- | 9 | ----- | 2 | 22.86 | 20.32 | 11.30 | 5.84 | 2.97 | 87891-1202 | ----- | ----- | 12 | ----- | 2 | 30.48 | 27.94 | 11.30 | 5.84 | 2.97 |
| C | 87891-0903 | ----- | ----- | 9 | ----- | 3 | 22.86 | 20.32 | 11.30 | 5.84 | 2.97 | 87891-1203 | ----- | ----- | 12 | ----- | 3 | 30.48 | 27.94 | 11.30 | 5.84 | 2.97 |
| | 87891-0904 | ----- | ----- | 9 | ----- | 4 | 22.86 | 20.32 | 11.30 | 5.84 | 2.97 | 87891-1204 | ----- | ----- | 12 | ----- | 4 | 30.48 | 27.94 | 11.30 | 5.84 | 2.97 |
| | 87891-0905 | ----- | ----- | 9 | ----- | 5 | 22.86 | 20.32 | 11.30 | 5.84 | 2.97 | 87891-1205 | ----- | ----- | 12 | ----- | 5 | 30.48 | 27.94 | 11.30 | 5.84 | 2.97 |
| | 87891-0906 | ----- | ----- | 9 | ----- | 6 | 22.86 | 20.32 | 11.30 | 5.84 | 2.97 | 87891-1206 | ----- | ----- | 12 | ----- | 6 | 30.48 | 27.94 | 11.30 | 5.84 | 2.97 |
| B | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | |
|---|-----------------------------|--|--------------|-----------------------------------|--------------------|---|-------------------------------------|----------------------------|--|--|--|
| EWR# 1023 EC NO: S2007-0289 DRWNS:KLI M01 2006/09/29 CHKD:CWJAM 2006/09/29 APPR:KWLEE 2006/09/30 | QUALITY SYMBOLS =0 =0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- | mm INCH | DRAWN BY YLQ1A0 | DATE 2004/11/17 | TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER | | | | | |
| | | ANGULAR ± 3 ° | | CHECKED BY PTL IM | DATE 2004/12/01 | MOLEX INCORPORATED | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY SCLOW | DATE 2004/12/06 | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-87891-013 | SHEET NO. 3 OF 8 | | | |

| PACKAGING OPTION PART NO. | | | | | | | | | | PACKAGING OPTION PART NO. | | | | | | | | | | | |
|---------------------------|-------|------------------|----------|---------------|--------------|-----------|-------|-------|------|---------------------------|------------|-------|------------------|----------|---------------|--------------|-----------|-------|-------|------|------|
| TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
| | | | | | | A | B | F | M | P | | | | | | | A | B | F | M | P |
| 87891-1301 | ----- | ----- | 13 | ----- | 1 | 33.02 | 30.48 | 11.30 | 5.84 | 2.97 | 87891-1601 | ----- | ----- | 16 | ----- | 1 | 40.64 | 38.10 | 11.30 | 5.84 | 2.97 |
| 87891-1302 | ----- | ----- | 13 | ----- | 2 | 33.02 | 30.48 | 11.30 | 5.84 | 2.97 | 87891-1602 | ----- | ----- | 16 | ----- | 2 | 40.64 | 38.10 | 11.30 | 5.84 | 2.97 |
| 87891-1303 | ----- | ----- | 13 | ----- | 3 | 33.02 | 30.48 | 11.30 | 5.84 | 2.97 | 87891-1603 | ----- | ----- | 16 | ----- | 3 | 40.64 | 38.10 | 11.30 | 5.84 | 2.97 |
| 87891-1304 | ----- | ----- | 13 | ----- | 4 | 33.02 | 30.48 | 11.30 | 5.84 | 2.97 | 87891-1604 | ----- | ----- | 16 | ----- | 4 | 40.64 | 38.10 | 11.30 | 5.84 | 2.97 |
| 87891-1305 | ----- | ----- | 13 | ----- | 5 | 33.02 | 30.48 | 11.30 | 5.84 | 2.97 | 87891-1605 | ----- | ----- | 16 | ----- | 5 | 40.64 | 38.10 | 11.30 | 5.84 | 2.97 |
| 87891-1306 | ----- | ----- | 13 | ----- | 6 | 33.02 | 30.48 | 11.30 | 5.84 | 2.97 | 87891-1606 | ----- | ----- | 16 | ----- | 6 | 40.64 | 38.10 | 11.30 | 5.84 | 2.97 |
| 87891-1401 | ----- | ----- | 14 | ----- | 1 | 35.56 | 33.02 | 11.30 | 5.84 | 2.97 | 87891-1701 | ----- | ----- | 17 | ----- | 1 | 43.18 | 40.64 | 11.30 | 5.84 | 2.97 |
| 87891-1402 | ----- | ----- | 14 | ----- | 2 | 35.56 | 33.02 | 11.30 | 5.84 | 2.97 | 87891-1702 | ----- | ----- | 17 | ----- | 2 | 43.18 | 40.64 | 11.30 | 5.84 | 2.97 |
| 87891-1403 | ----- | ----- | 14 | ----- | 3 | 35.56 | 33.02 | 11.30 | 5.84 | 2.97 | 87891-1703 | ----- | ----- | 17 | ----- | 3 | 43.18 | 40.64 | 11.30 | 5.84 | 2.97 |
| 87891-1404 | ----- | ----- | 14 | ----- | 4 | 35.56 | 33.02 | 11.30 | 5.84 | 2.97 | 87891-1704 | ----- | ----- | 17 | ----- | 4 | 43.18 | 40.64 | 11.30 | 5.84 | 2.97 |
| 87891-1405 | ----- | ----- | 14 | ----- | 5 | 35.56 | 33.02 | 11.30 | 5.84 | 2.97 | 87891-1705 | ----- | ----- | 17 | ----- | 5 | 43.18 | 40.64 | 11.30 | 5.84 | 2.97 |
| 87891-1406 | ----- | ----- | 14 | ----- | 6 | 35.56 | 33.02 | 11.30 | 5.84 | 2.97 | 87891-1706 | ----- | ----- | 17 | ----- | 6 | 43.18 | 40.64 | 11.30 | 5.84 | 2.97 |
| 87891-1501 | ----- | ----- | 15 | ----- | 1 | 38.10 | 35.56 | 11.30 | 5.84 | 2.97 | 87891-1801 | ----- | ----- | 18 | ----- | 1 | 45.72 | 43.18 | 11.30 | 5.84 | 2.97 |
| 87891-1502 | ----- | ----- | 15 | ----- | 2 | 38.10 | 35.56 | 11.30 | 5.84 | 2.97 | 87891-1802 | ----- | ----- | 18 | ----- | 2 | 45.72 | 43.18 | 11.30 | 5.84 | 2.97 |
| 87891-1503 | ----- | ----- | 15 | ----- | 3 | 38.10 | 35.56 | 11.30 | 5.84 | 2.97 | 87891-1803 | ----- | ----- | 18 | ----- | 3 | 45.72 | 43.18 | 11.30 | 5.84 | 2.97 |
| 87891-1504 | ----- | ----- | 15 | ----- | 4 | 38.10 | 35.56 | 11.30 | 5.84 | 2.97 | 87891-1804 | ----- | ----- | 18 | ----- | 4 | 45.72 | 43.18 | 11.30 | 5.84 | 2.97 |
| 87891-1505 | ----- | ----- | 15 | ----- | 5 | 38.10 | 35.56 | 11.30 | 5.84 | 2.97 | 87891-1805 | ----- | ----- | 18 | ----- | 5 | 45.72 | 43.18 | 11.30 | 5.84 | 2.97 |
| 87891-1506 | ----- | ----- | 15 | ----- | 6 | 38.10 | 35.56 | 11.30 | 5.84 | 2.97 | 87891-1806 | ----- | ----- | 18 | ----- | 6 | 45.72 | 43.18 | 11.30 | 5.84 | 2.97 |

| QUALITY SYMBOLS  = 0  = 0.25 | DESCRIPTION EWR# 1023 EC NO: S2007-0289 DRWNS:KLI M01 2006/09/29 CHKD:CWJAM 2006/09/29 APPR:KWLEE 2006/09/30 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC |  THIRD ANGLE PROJECTION | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|-------|--|----|----------------------------|-------------------------------|---|-------|----------|-------|-------|----------|--------|-------|---------|-------|-------|---|--|----------|------|--------|------------|------------|------|--------|------------|-------------|------|-------|------------|---|--|
| | | <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>± 0.20</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> </table> | | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.20 | ± --- | 1 PLACE | ± --- | ± --- | <table border="1"> <tr><th>DRAWN BY</th><th>DATE</th></tr> <tr><td>YLQIAO</td><td>2004/11/17</td></tr> <tr><th>CHECKED BY</th><th>DATE</th></tr> <tr><td>PTL IM</td><td>2004/12/01</td></tr> <tr><th>APPROVED BY</th><th>DATE</th></tr> <tr><td>SCLOW</td><td>2004/12/06</td></tr> </table> | | DRAWN BY | DATE | YLQIAO | 2004/11/17 | CHECKED BY | DATE | PTL IM | 2004/12/01 | APPROVED BY | DATE | SCLOW | 2004/12/06 | TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER | |
| | | | mm | INCH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.20 | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| YLQIAO | 2004/11/17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHECKED BY | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTL IM | 2004/12/01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APPROVED BY | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCLOW | 2004/12/06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANGULAR ± 3 ° | | MATERIAL NO. SEE TABLE | | DOCUMENT NO. SD-87891-013 | | SHEET NO. 4 OF 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |




| PACKAGING OPTION PART NO. | | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | PACKAGING OPTION PART NO. | | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | | | |
|---------------------------|------------|----------|---------------|--------------|------------------|---|-------|-------|-------|---------------------------|------|------------|---------------|--------------|-----------|------------------|---|-------|-------|-------|------|------|
| TRAY | BULK | | | | TUBE WITHOUT CAP | A | B | F | M | P | TRAY | | | | BULK | TUBE WITHOUT CAP | A | B | F | M | P | |
| F | 87891-1901 | ----- | ----- | 19 | ---- | 1 | 48.26 | 45.72 | 11.30 | 5.84 | 2.97 | 87891-2201 | ----- | ----- | 22 | ---- | 1 | 55.88 | 53.34 | 11.30 | 5.84 | 2.97 |
| | 87891-1902 | ----- | ----- | 19 | ---- | 2 | 48.26 | 45.72 | 11.30 | 5.84 | 2.97 | 87891-2202 | ----- | ----- | 22 | ---- | 2 | 55.88 | 53.34 | 11.30 | 5.84 | 2.97 |
| | 87891-1903 | ----- | ----- | 19 | ---- | 3 | 48.26 | 45.72 | 11.30 | 5.84 | 2.97 | 87891-2203 | ----- | ----- | 22 | ---- | 3 | 55.88 | 53.34 | 11.30 | 5.84 | 2.97 |
| | 87891-1904 | ----- | ----- | 19 | ---- | 4 | 48.26 | 45.72 | 11.30 | 5.84 | 2.97 | 87891-2204 | ----- | ----- | 22 | ---- | 4 | 55.88 | 53.34 | 11.30 | 5.84 | 2.97 |
| | 87891-1905 | ----- | ----- | 19 | ---- | 5 | 48.26 | 45.72 | 11.30 | 5.84 | 2.97 | 87891-2205 | ----- | ----- | 22 | ---- | 5 | 55.88 | 53.34 | 11.30 | 5.84 | 2.97 |
| | 87891-1906 | ----- | ----- | 19 | ---- | 6 | 48.26 | 45.72 | 11.30 | 5.84 | 2.97 | 87891-2206 | ----- | ----- | 22 | ---- | 6 | 55.88 | 53.34 | 11.30 | 5.84 | 2.97 |
| E | | | | | | | | | | | | | | | | | | | | | | |
| | 87891-2001 | ----- | ----- | 20 | ---- | 1 | 50.80 | 48.26 | 11.30 | 5.84 | 2.97 | 87891-2301 | ----- | ----- | 23 | ---- | 1 | 58.42 | 55.88 | 11.30 | 5.84 | 2.97 |
| | 87891-2002 | ----- | ----- | 20 | ---- | 2 | 50.80 | 48.26 | 11.30 | 5.84 | 2.97 | 87891-2302 | ----- | ----- | 23 | ---- | 2 | 58.42 | 55.88 | 11.30 | 5.84 | 2.97 |
| | 87891-2003 | ----- | ----- | 20 | ---- | 3 | 50.80 | 48.26 | 11.30 | 5.84 | 2.97 | 87891-2303 | ----- | ----- | 23 | ---- | 3 | 58.42 | 55.88 | 11.30 | 5.84 | 2.97 |
| | 87891-2004 | ----- | ----- | 20 | ---- | 4 | 50.80 | 48.26 | 11.30 | 5.84 | 2.97 | 87891-2304 | ----- | ----- | 23 | ---- | 4 | 58.42 | 55.88 | 11.30 | 5.84 | 2.97 |
| D | 87891-2005 | ----- | ----- | 20 | ---- | 5 | 50.80 | 48.26 | 11.30 | 5.84 | 2.97 | 87891-2305 | ----- | ----- | 23 | ---- | 5 | 58.42 | 55.88 | 11.30 | 5.84 | 2.97 |
| | 87891-2006 | ----- | ----- | 20 | ---- | 6 | 50.80 | 48.26 | 11.30 | 5.84 | 2.97 | 87891-2306 | ----- | ----- | 23 | ---- | 6 | 58.42 | 55.88 | 11.30 | 5.84 | 2.97 |
| | | | | | | | | | | | | | | | | | | | | | | |
| | 87891-2101 | ----- | ----- | 21 | ---- | 1 | 53.34 | 50.80 | 11.30 | 5.84 | 2.97 | 87891-2401 | ----- | ----- | 24 | ---- | 1 | 60.96 | 58.42 | 11.30 | 5.84 | 2.97 |
| | 87891-2102 | ----- | ----- | 21 | ---- | 2 | 53.34 | 50.80 | 11.30 | 5.84 | 2.97 | 87891-2402 | ----- | ----- | 24 | ---- | 2 | 60.96 | 58.42 | 11.30 | 5.84 | 2.97 |
| C | 87891-2103 | ----- | ----- | 21 | ---- | 3 | 53.34 | 50.80 | 11.30 | 5.84 | 2.97 | 87891-2403 | ----- | ----- | 24 | ---- | 3 | 60.96 | 58.42 | 11.30 | 5.84 | 2.97 |
| | 87891-2104 | ----- | ----- | 21 | ---- | 4 | 53.34 | 50.80 | 11.30 | 5.84 | 2.97 | 87891-2404 | ----- | ----- | 24 | ---- | 4 | 60.96 | 58.42 | 11.30 | 5.84 | 2.97 |
| | 87891-2105 | ----- | ----- | 21 | ---- | 5 | 53.34 | 50.80 | 11.30 | 5.84 | 2.97 | 87891-2405 | ----- | ----- | 24 | ---- | 5 | 60.96 | 58.42 | 11.30 | 5.84 | 2.97 |
| | 87891-2106 | ----- | ----- | 21 | ---- | 6 | 53.34 | 50.80 | 11.30 | 5.84 | 2.97 | 87891-2406 | ----- | ----- | 24 | ---- | 6 | 60.96 | 58.42 | 11.30 | 5.84 | 2.97 |
| B | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | |
|---|--|--|--------------|-----------------------------------|--------------------|---|-------------------------------------|--|--|--|--|
| EWB# 1023 EC NO: S2007-0289 DRWNS:SKLIM01 2006/09/29 CHKD:CWJAM 2006/09/29 APPR:KWLEE 2006/09/30 | QUALITY SYMBOLS  = 0  = 0.20 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC |  THIRD ANGLE PROJECTION | | | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- | mm INCH | DRAWN BY YLQ1A0 | DATE 2004/11/17 | TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER | | | | | |
| | | ANGULAR ± 3 ° | | CHECKED BY PTL IM | DATE 2004/12/01 | MOLEX INCORPORATED | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY SCLOW | DATE 2004/12/06 | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-87891-013 | SHEET NO. 5 OF 8 | | | |

| PACKAGING OPTION PART NO. | | | | | | | | | | | PACKAGING OPTION PART NO. | | | | | | | | | | | |
|---------------------------|------------|------------------|----------|---------------|--------------|-----------|-------|-------|-------|------|---------------------------|-------|------------------|----------|---------------|--------------|-----------|-------|-------|-------|------|------|
| TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | |
| | | | | | | A | B | F | M | P | | | | | | | A | B | F | M | P | |
| F | 87891-2501 | ----- | ----- | 25 | ---- | 1 | 63.50 | 60.96 | 11.30 | 5.84 | 2.97 | ----- | 87891-2801 | ----- | 28 | ---- | 1 | 71.12 | 68.58 | 11.30 | 5.84 | 2.97 |
| | 87891-2502 | ----- | ----- | 25 | ---- | 2 | 63.50 | 60.96 | 11.30 | 5.84 | 2.97 | ----- | 87891-2802 | ----- | 28 | ---- | 2 | 71.12 | 68.58 | 11.30 | 5.84 | 2.97 |
| | 87891-2503 | ----- | ----- | 25 | ---- | 3 | 63.50 | 60.96 | 11.30 | 5.84 | 2.97 | ----- | 87891-2803 | ----- | 28 | ---- | 3 | 71.12 | 68.58 | 11.30 | 5.84 | 2.97 |
| | 87891-2504 | ----- | ----- | 25 | ---- | 4 | 63.50 | 60.96 | 11.30 | 5.84 | 2.97 | ----- | 87891-2804 | ----- | 28 | ---- | 4 | 71.12 | 68.58 | 11.30 | 5.84 | 2.97 |
| | 87891-2505 | ----- | ----- | 25 | ---- | 5 | 63.50 | 60.96 | 11.30 | 5.84 | 2.97 | ----- | 87891-2805 | ----- | 28 | ---- | 5 | 71.12 | 68.58 | 11.30 | 5.84 | 2.97 |
| | 87891-2506 | ----- | ----- | 25 | ---- | 6 | 63.50 | 60.96 | 11.30 | 5.84 | 2.97 | ----- | 87891-2806 | ----- | 28 | ---- | 6 | 71.12 | 68.58 | 11.30 | 5.84 | 2.97 |
| E | | | | | | | | | | | | | | | | | | | | | | |
| | ----- | 87891-2611 | ----- | 26 | ---- | 1 | 66.04 | 63.50 | 11.30 | 5.84 | 2.97 | ----- | 87891-2901 | ----- | 29 | ---- | 1 | 73.66 | 71.12 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-2602 | ----- | 26 | ---- | 2 | 66.04 | 63.50 | 11.30 | 5.84 | 2.97 | ----- | 87891-2902 | ----- | 29 | ---- | 2 | 73.66 | 71.12 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-2603 | ----- | 26 | ---- | 3 | 66.04 | 63.50 | 11.30 | 5.84 | 2.97 | ----- | 87891-2903 | ----- | 29 | ---- | 3 | 73.66 | 71.12 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-2604 | ----- | 26 | ---- | 4 | 66.04 | 63.50 | 11.30 | 5.84 | 2.97 | ----- | 87891-2904 | ----- | 29 | ---- | 4 | 73.66 | 71.12 | 11.30 | 5.84 | 2.97 |
| D | ----- | 87891-2605 | ----- | 26 | ---- | 5 | 66.04 | 63.50 | 11.30 | 5.84 | 2.97 | ----- | 87891-2905 | ----- | 29 | ---- | 5 | 73.66 | 71.12 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-2606 | ----- | 26 | ---- | 6 | 66.04 | 63.50 | 11.30 | 5.84 | 2.97 | ----- | 87891-2906 | ----- | 29 | ---- | 6 | 73.66 | 71.12 | 11.30 | 5.84 | 2.97 |
| | | | | | | | | | | | | | | | | | | | | | | |
| | ----- | 87891-2701 | ----- | 27 | ---- | 1 | 68.58 | 66.04 | 11.30 | 5.84 | 2.97 | ----- | 87891-3001 | ----- | 30 | ---- | 1 | 76.20 | 73.66 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-2702 | ----- | 27 | ---- | 2 | 68.58 | 66.04 | 11.30 | 5.84 | 2.97 | ----- | 87891-3002 | ----- | 30 | ---- | 2 | 76.20 | 73.66 | 11.30 | 5.84 | 2.97 |
| C | ----- | 87891-2703 | ----- | 27 | ---- | 3 | 68.58 | 66.04 | 11.30 | 5.84 | 2.97 | ----- | 87891-3003 | ----- | 30 | ---- | 3 | 76.20 | 73.66 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-2704 | ----- | 27 | ---- | 4 | 68.58 | 66.04 | 11.30 | 5.84 | 2.97 | ----- | 87891-3004 | ----- | 30 | ---- | 4 | 76.20 | 73.66 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-2705 | ----- | 27 | ---- | 5 | 68.58 | 66.04 | 11.30 | 5.84 | 2.97 | ----- | 87891-3005 | ----- | 30 | ---- | 5 | 76.20 | 73.66 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-2706 | ----- | 27 | ---- | 6 | 68.58 | 66.04 | 11.30 | 5.84 | 2.97 | ----- | 87891-3006 | ----- | 30 | ---- | 6 | 76.20 | 73.66 | 11.30 | 5.84 | 2.97 |
| B | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | |
|---|-----------------------------|--|--------------|-----------------------------------|--------------------|---|----------------------------|------------------------|--|--|--|
| EWR# 1023 EC NO: S2007-0289 DRWNS:KLI M01 2006/09/29 CHKD:CWJAM 2006/09/29 APPR:KWLEE 2006/09/30 | QUALITY SYMBOLS =0 =0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- | mm INCH | DRAWN BY YLQ1A0 | DATE 2004/11/17 | TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER | | | | | |
| | | ANGULAR ± 3 ° | | APPROVED BY SCLW | DATE 2004/12/06 | MOLEX INCORPORATED | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. SEE TABLE | | DOCUMENT NO. SD-87891-013 | SHEET NO. 6 OF 8 | | | | |

| PACKAGING OPTION PART NO. | | | | | | | | | | PACKAGING OPTION PART NO. | | | | | | | | | | | |
|---------------------------|------------|------------------|----------|---------------|--------------|-----------|-------|-------|------|---------------------------|-------|------------|------------------|----------|---------------|--------------|-----------|-------|-------|------|------|
| TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
| | | | | | | A | B | F | M | P | | | | | | | A | B | F | M | P |
| ----- | 87891-3101 | ----- | 31 | ----- | 1 | 78.74 | 76.20 | 11.30 | 5.84 | 2.97 | ----- | 87891-3401 | ----- | 34 | ----- | 1 | 86.36 | 83.82 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3102 | ----- | 31 | ----- | 2 | 78.74 | 76.20 | 11.30 | 5.84 | 2.97 | ----- | 87891-3402 | ----- | 34 | ----- | 2 | 86.36 | 83.82 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3103 | ----- | 31 | ----- | 3 | 78.74 | 76.20 | 11.30 | 5.84 | 2.97 | ----- | 87891-3403 | ----- | 34 | ----- | 3 | 86.36 | 83.82 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3104 | ----- | 31 | ----- | 4 | 78.74 | 76.20 | 11.30 | 5.84 | 2.97 | ----- | 87891-3404 | ----- | 34 | ----- | 4 | 86.36 | 83.82 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3105 | ----- | 31 | ----- | 5 | 78.74 | 76.20 | 11.30 | 5.84 | 2.97 | ----- | 87891-3405 | ----- | 34 | ----- | 5 | 86.36 | 83.82 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3106 | ----- | 31 | ----- | 6 | 78.74 | 76.20 | 11.30 | 5.84 | 2.97 | ----- | 87891-3406 | ----- | 34 | ----- | 6 | 86.36 | 83.82 | 11.30 | 5.84 | 2.97 |
| ----- | | ----- | | ----- | | | | | | | ----- | | ----- | | ----- | | | | | | |
| ----- | 87891-3201 | ----- | 32 | ----- | 1 | 81.28 | 78.74 | 11.30 | 5.84 | 2.97 | ----- | 87891-3501 | ----- | 35 | ----- | 1 | 88.90 | 86.36 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3202 | ----- | 32 | ----- | 2 | 81.28 | 78.74 | 11.30 | 5.84 | 2.97 | ----- | 87891-3502 | ----- | 35 | ----- | 2 | 88.90 | 86.36 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3203 | ----- | 32 | ----- | 3 | 81.28 | 78.74 | 11.30 | 5.84 | 2.97 | ----- | 87891-3503 | ----- | 35 | ----- | 3 | 88.90 | 86.36 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3204 | ----- | 32 | ----- | 4 | 81.28 | 78.74 | 11.30 | 5.84 | 2.97 | ----- | 87891-3504 | ----- | 35 | ----- | 4 | 88.90 | 86.36 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3205 | ----- | 32 | ----- | 5 | 81.28 | 78.74 | 11.30 | 5.84 | 2.97 | ----- | 87891-3505 | ----- | 35 | ----- | 5 | 88.90 | 86.36 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3206 | ----- | 32 | ----- | 6 | 81.28 | 78.74 | 11.30 | 5.84 | 2.97 | ----- | 87891-3506 | ----- | 35 | ----- | 6 | 88.90 | 86.36 | 11.30 | 5.84 | 2.97 |
| ----- | | ----- | | ----- | | | | | | | ----- | | ----- | | ----- | | | | | | |
| ----- | 87891-3301 | ----- | 33 | ----- | 1 | 83.82 | 81.28 | 11.30 | 5.84 | 2.97 | ----- | 87891-3611 | ----- | 36 | ----- | 1 | 91.44 | 88.90 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3302 | ----- | 33 | ----- | 2 | 83.82 | 81.28 | 11.30 | 5.84 | 2.97 | ----- | 87891-3602 | ----- | 36 | ----- | 2 | 91.44 | 88.90 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3303 | ----- | 33 | ----- | 3 | 83.82 | 81.28 | 11.30 | 5.84 | 2.97 | ----- | 87891-3603 | ----- | 36 | ----- | 3 | 91.44 | 88.90 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3304 | ----- | 33 | ----- | 4 | 83.82 | 81.28 | 11.30 | 5.84 | 2.97 | ----- | 87891-3604 | ----- | 36 | ----- | 4 | 91.44 | 88.90 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3305 | ----- | 33 | ----- | 5 | 83.82 | 81.28 | 11.30 | 5.84 | 2.97 | ----- | 87891-3605 | ----- | 36 | ----- | 5 | 91.44 | 88.90 | 11.30 | 5.84 | 2.97 |
| ----- | 87891-3306 | ----- | 33 | ----- | 6 | 83.82 | 81.28 | 11.30 | 5.84 | 2.97 | ----- | 87891-3606 | ----- | 36 | ----- | 6 | 91.44 | 88.90 | 11.30 | 5.84 | 2.97 |
| ----- | | ----- | | ----- | | | | | | | ----- | | ----- | | ----- | | | | | | |
| ----- | | ----- | | ----- | | | | | | | ----- | | ----- | | ----- | | | | | | |
| ----- | | ----- | | ----- | | | | | | | ----- | | ----- | | ----- | | | | | | |

| | | | | | | | | | | | |
|---|--|--|--------------|--|--------------------|---|-------------------------------|---|--|--|--|
| EWB# 1023 EC NO: S2007-0289 DRWNS:KLI M01 2006/09/29 CHKD:CWJAM 2006/09/29 APPR:KWLEE 2006/09/30 | QUALITY SYMBOLS  = 0  = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC |  THIRD ANGLE PROJECTION | | | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- | mm INCH | DRAWN BY YLQ1A0 | DATE 2004/11/17 | TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER | | | | | |
| | | ANGULAR ± 3 ° | | CHECKED BY PTL IM | DATE 2004/12/01 | MOLEX INCORPORATED | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY SCLOW | DATE 2004/12/06 | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-87891-013 | SHEET NO. 7 OF 8 | | | |

| PACKAGING OPTION PART NO. | | | | | | | | | | PACKAGING OPTION PART NO. | | | | | | | | | | | | |
|---------------------------|-------|------------------|----------|---------------|--------------|-----------|-------|-------|-------|---------------------------|------|-------|------------------|----------|---------------|--------------|-----------|--------|-------|-------|------|------|
| TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | TRAY | BULK | TUBE WITHOUT CAP | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | |
| | | | | | | A | B | F | M | P | | | | | | | A | B | F | M | P | |
| F | ----- | 87891-3701 | ----- | 37 | ----- | 1 | 93.98 | 91.44 | 11.30 | 5.84 | 2.97 | ----- | 87891-4001 | ----- | 40 | ----- | 1 | 101.60 | 99.06 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-3702 | ----- | 37 | ----- | 2 | 93.98 | 91.44 | 11.30 | 5.84 | 2.97 | ----- | 87891-4002 | ----- | 40 | ----- | 2 | 101.60 | 99.06 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-3703 | ----- | 37 | ----- | 3 | 93.98 | 91.44 | 11.30 | 5.84 | 2.97 | ----- | 87891-4003 | ----- | 40 | ----- | 3 | 101.60 | 99.06 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-3704 | ----- | 37 | ----- | 4 | 93.98 | 91.44 | 11.30 | 5.84 | 2.97 | ----- | 87891-4004 | ----- | 40 | ----- | 4 | 101.60 | 99.06 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-3705 | ----- | 37 | ----- | 5 | 93.98 | 91.44 | 11.30 | 5.84 | 2.97 | ----- | 87891-4005 | ----- | 40 | ----- | 5 | 101.60 | 99.06 | 11.30 | 5.84 | 2.97 |
| | ----- | 87891-3706 | ----- | 37 | ----- | 6 | 93.98 | 91.44 | 11.30 | 5.84 | 2.97 | ----- | 87891-4006 | ----- | 40 | ----- | 6 | 101.60 | 99.06 | 11.30 | 5.84 | 2.97 |
| E | | | | | | | | | | | | | | | | | | | | | | |
| | ----- | 87891-3801 | ----- | 38 | ----- | 1 | 96.52 | 93.98 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| | ----- | 87891-3802 | ----- | 38 | ----- | 2 | 96.52 | 93.98 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| | ----- | 87891-3803 | ----- | 38 | ----- | 3 | 96.52 | 93.98 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| | ----- | 87891-3804 | ----- | 38 | ----- | 4 | 96.52 | 93.98 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| D | ----- | 87891-3805 | ----- | 38 | ----- | 5 | 96.52 | 93.98 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| | ----- | 87891-3806 | ----- | 38 | ----- | 6 | 96.52 | 93.98 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | ----- | 87891-3901 | ----- | 39 | ----- | 1 | 99.06 | 96.52 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| | ----- | 87891-3902 | ----- | 39 | ----- | 2 | 99.06 | 96.52 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| C | ----- | 87891-3903 | ----- | 39 | ----- | 3 | 99.06 | 96.52 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| | ----- | 87891-3904 | ----- | 39 | ----- | 4 | 99.06 | 96.52 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| | ----- | 87891-3905 | ----- | 39 | ----- | 5 | 99.06 | 96.52 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| | ----- | 87891-3906 | ----- | 39 | ----- | 6 | 99.06 | 96.52 | 11.30 | 5.84 | 2.97 | | | | | | | | | | | |
| B | | | | | | | | | | | | | | | | | | | | | | |

| EWB# 1023 EC NO: S2007-0289 DRWNS:KLI M01 CHKD:CWAM APPR:KWLEE | 2006/09/29 2006/09/29 2006/09/30 | DESCRIPTION REV | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr><th colspan="2">mm</th><th colspan="2">INCH</th></tr> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± 0.20</td><td>± ---</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td><td>± ---</td></tr> </table> | mm | | INCH | | 4 PLACES | ± --- | ± --- | ± --- | 3 PLACES | ± --- | ± --- | ± --- | 2 PLACES | ± 0.20 | ± --- | ± --- | 1 PLACE | ± --- | ± --- | ± --- | DIMENSION STYLE MM ONLY | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
|---|--|---|-------------------------------------|--|-------|-------|------|--|----------|-------|-------|-------|----------|-------|-------|-------|----------|--------|-------|-------|---------|-------|-------|-------|-----------------------------------|--------------|------------------------|------------------------|
| | | | mm | | INCH | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 4 PLACES | ± --- | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | |
| | | | 3 PLACES | ± --- | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.20 | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± --- | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY YLQ1A0 | DATE 2004/11/17 | TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHECKED BY PTL IM | DATE 2004/12/01 | MOLEX INCORPORATED | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APPROVED BY SCLOW | DATE 2004/12/06 | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-87891-013 | SHEET NO. 8 OF 8 | | | | | | | | | | | | | | | | | | | | | | | | |