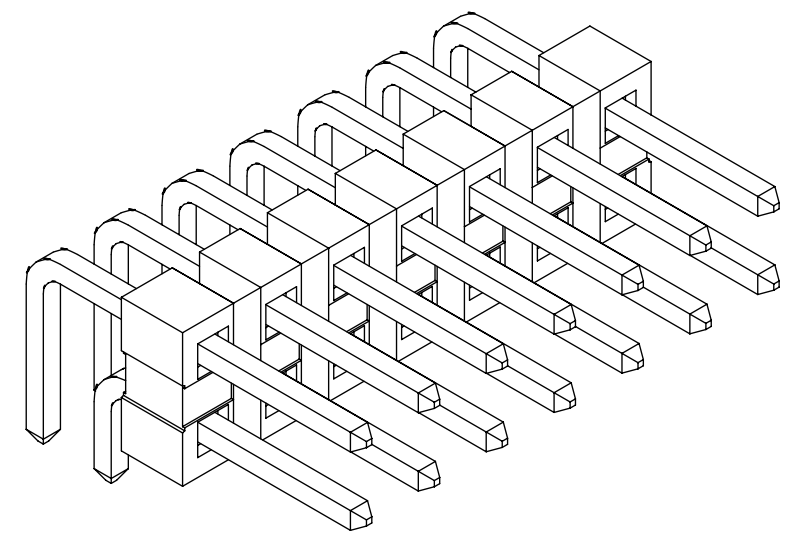
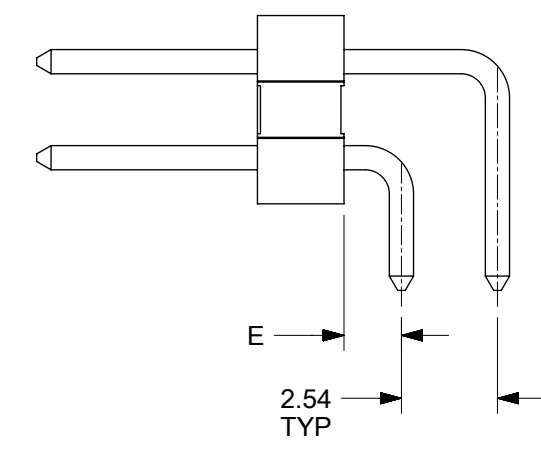


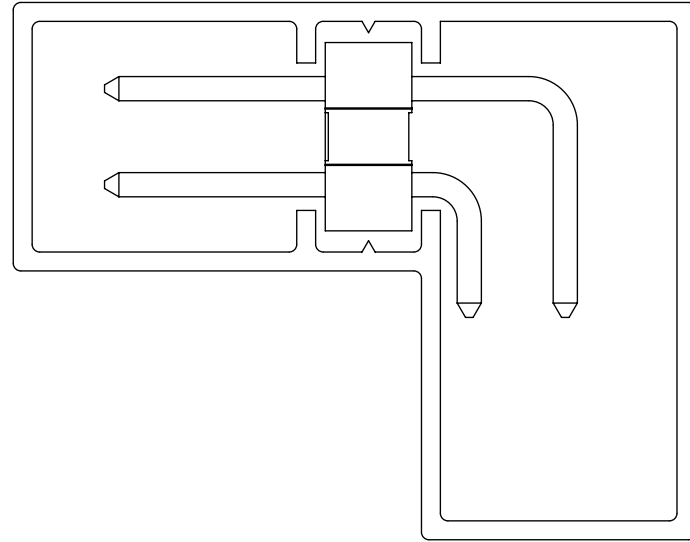
RECOMMENDED PCB HOLE LAYOUT



NOTES:

1. MATERIAL:
HOUSING: LCP, GLASS-FILLED, UL94V-0,
COLOR: BLACK
TERMINAL: COPPER ALLOY 0.64mm SQ
2. PLATING TYPE:
 - (1) GOLD FLASH OVER
50 MICRO INCHES MIN. NICKEL OVERALL.
 - (2) 1 MICRO INCHES MIN. GOLD PLATE ON CONTACT AND
75 MICRO INCHES MIN. TIN ON SOLDER TAIL OVER
50 MICRO INCHES MIN. NICKEL OVERALL.
 - (3) 10 MICRO INCHES MIN. GOLD PLATE ON CONTACT AND
75 MICRO INCHES MIN. TIN ON SOLDER TAIL OVER
50 MICRO INCHES MIN. NICKEL OVERALL.
 - (4) 15 MICRO INCHES MIN. GOLD PLATE ON CONTACT AND
75 MICRO INCHES MIN. TIN ON SOLDER TAIL OVER
50 MICRO INCHES MIN. NICKEL OVERALL.
 - (5) 30 MICRO INCHES MIN. GOLD PLATE ON CONTACT AND
75 MICRO INCHES MIN. TIN ON SOLDER TAIL OVER
50 MICRO INCHES MIN. NICKEL OVERALL.
 - (6) 100 MICRO INCHES MIN. TIN IN SELECTED AREA OVER
50 MICRO INCHES MIN. NICKEL OVERALL.
3. PIN PUSHOUT FORCE: 1KG MIN IN EITHER DIRECTION
4. THE ABOVE 14 CKT IS FOR ILLUSTRATION PURPOSE ONLY.
5. FOR PACKAGING OPTION PLEASE REFER TO THE TABLE.
6. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION
IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN
BODY IS NOT ACCEPTABLE
7. RECOMMENDED PCB THICKNESS = 1.60±0.10mm
8. THE ABOVE CKT 14 IS FOR ILLUSTRATION PURPOSE ONLY
9. PRODUCT SPECIFICATION: PS-87920-019
10. PACKAGING SPECIFICATION: PK-89990-519

| | | | | | |
|---|--|------------------------|--|--|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CURRENT REV DESC: | | molex | |
| DIMENSION UNITS | | SCALE | | | |
| mm | | NTS | | CUSTOM HEADER | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | 2.54MM DUAL ROW HEADER SINGLE WAFER, R/A | |
| | | | | PRODUCT CUSTOMER DRAWING | |
| 4 PLACES ± | | ± | | DOCUMENT NUMBER | |
| 3 PLACES ± | | ± | | SD-87911-015 | |
| 2 PLACES ± | | 0.2 ± | | DOC TYPE | |
| 1 PLACE ± | | ± | | PSD | |
| 0 PLACES ± | | ± | | DOC PART | |
| ANGULAR TOL ± 3.0° | | | | 001 | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | REVISION | |
| | | DRAWING | | C1 | |
| | | SERIES | | SHEET NUMBER | |
| | | A3-SIZE | | 1 OF 9 | |
| | | 87911 | | MATERIAL NUMBER | |
| | | SEE TABLE | | CUSTOMER | |
| | | GENERAL MARKET | | | |



PART IN TUBE ORIENTATION

| PACKAGING OPTION PART NO. | | | | | | | DIMENSION | | | | |
|---------------------------|------------------|---------------|-------------|----------|---------------|--------------|-----------|------|------------|-------------|------|
| TRAY | TUBE WITHOUT CAP | TUBE WITH CAP | TAPE & REEL | CKT SIZE | VOID POSITION | PLATING TYPE | A | B | MATING END | SOLDER TAIL | E |
| | | | | | | | | | M | P | |
| ----- | 87911-0201 | ----- | ----- | 2 | ----- | 1 | 2.54 | ---- | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0202 | ----- | ----- | 2 | ----- | 2 | 2.54 | ---- | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0203 | ----- | ----- | 2 | ----- | 3 | 2.54 | ---- | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0204 | ----- | ----- | 2 | ----- | 4 | 2.54 | ---- | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0205 | ----- | ----- | 2 | ----- | 5 | 2.54 | ---- | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0206 | ----- | ----- | 2 | ----- | 6 | 2.54 | ---- | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0207 | ----- | ----- | 2 | ----- | 1 | 2.54 | ---- | 5.80 | 3.60 | 1.81 |
| ----- | 87911-0401 | ----- | ----- | 4 | ----- | 1 | 5.08 | 2.54 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0402 | ----- | ----- | 4 | ----- | 2 | 5.08 | 2.54 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0403 | ----- | ----- | 4 | ----- | 3 | 5.08 | 2.54 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0481 | ----- | ----- | 4 | ----- | 4 | 5.08 | 2.54 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0405 | ----- | ----- | 4 | ----- | 5 | 5.08 | 2.54 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0406 | ----- | ----- | 4 | ----- | 6 | 5.08 | 2.54 | 5.84 | 2.29 | 1.52 |
| 87911-0407 | ----- | ----- | ----- | 4 | ----- | 1 | 5.08 | 2.54 | 8.13 | 2.79 | 2.61 |
| 87911-0408 | ----- | ----- | ----- | 4 | ----- | 2 | 5.08 | 2.54 | 8.13 | 2.79 | 2.61 |
| 87911-0409 | ----- | ----- | ----- | 4 | ----- | 3 | 5.08 | 2.54 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-0414 | ----- | ----- | 4 | ----- | 1 | 5.08 | 2.54 | 5.80 | 3.60 | 1.81 |
| ----- | 87911-0601 | ----- | ----- | 6 | ----- | 1 | 7.62 | 5.08 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0602 | ----- | ----- | 6 | ----- | 2 | 7.62 | 5.08 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0603 | ----- | ----- | 6 | ----- | 3 | 7.62 | 5.08 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0604 | ----- | ----- | 6 | ----- | 4 | 7.62 | 5.08 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0605 | ----- | ----- | 6 | ----- | 5 | 7.62 | 5.08 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0606 | ----- | ----- | 6 | ----- | 6 | 7.62 | 5.08 | 5.84 | 2.29 | 1.52 |
| 87911-0607 | ----- | ----- | ----- | 6 | ----- | 1 | 7.62 | 5.08 | 8.13 | 2.79 | 2.61 |
| 87911-0608 | ----- | ----- | ----- | 6 | ----- | 2 | 7.62 | 5.08 | 8.13 | 2.79 | 2.61 |
| 87911-0609 | ----- | ----- | ----- | 6 | ----- | 3 | 7.62 | 5.08 | 8.13 | 2.79 | 2.61 |
| 87911-0614 | ----- | ----- | ----- | 6 | ----- | 2 | 7.62 | 5.08 | 9.60 | 5.00 | 2.61 |
| 87911-0615 | ----- | ----- | ----- | 6 | ----- | 2 | 7.62 | 5.08 | 10.83 | 5.00 | 1.72 |

| | | | | | | | | | | | | | | | |
|---|--|--------|------|--|--|---------|--|-----------|--|---|--|----------------------------|----------|------------------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | | | | |
| mm | | NTS | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: 635905 DRWN: ABABUPS 2020/04/14 CHK'D: MRAMAKRISHNA 2020/04/15 APPR: MRAMAKRISHNA 2020/04/15 | | | | | | CUSTOM HEADER 2.54MM DUAL ROW HEADER SINGLE WAFER, R/A | | | | | |
| | | MM | INCH | | | | | | | | | | | | |
| 4 PLACES | | ± | ± | INITIAL REVISION: DRWN: KSEE 2004/11/30 APPR: SCLOW 2004/12/16 | | | | | | DOCUMENT NUMBER SD-87911-015 | | DOC TYPE | DOC PART | REVISION | |
| 3 PLACES | | ± | ± | | | | | | | | | PSD | 001 | C1 | |
| 2 PLACES | | ± | 0.2 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | MATERIAL NUMBER SEE TABLE | | CUSTOMER GENERAL MARKET | | SHEET NUMBER 2 OF 9 | |
| 1 PLACE | | ± | ± | | | | | | | | | | | | |
| 0 PLACES | | ± | ± | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | CUSTOMER | | SHEET NUMBER | | | |
| ANGULAR TOL | | ± 3.0° | | A3-SIZE | | 87911 | | SEE TABLE | | GENERAL MARKET | | 2 OF 9 | | | |

| PACKAGING OPTION PART NO. | | | | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|---------------------------|------------------|---------------|-------------|----------|---------------|--------------|-----------|-------|------------|-------------|------|
| TRAY | TUBE WITHOUT CAP | TUBE WITH CAP | TAPE & REEL | | | | A | B | MATING END | SOLDER TAIL | E |
| | | | | | | | | | M | P | |
| ----- | 87911-0801 | ----- | ----- | 8 | ----- | 1 | 10.16 | 7.62 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0802 | ----- | ----- | 8 | ----- | 2 | 10.16 | 7.62 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0803 | ----- | ----- | 8 | ----- | 3 | 10.16 | 7.62 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0804 | ----- | ----- | 8 | ----- | 4 | 10.16 | 7.62 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0805 | ----- | ----- | 8 | ----- | 5 | 10.16 | 7.62 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0806 | ----- | ----- | 8 | ----- | 6 | 10.16 | 7.62 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-0807 | ----- | ----- | 8 | ----- | 1 | 10.16 | 7.62 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-0808 | ----- | ----- | 8 | ----- | 2 | 10.16 | 7.62 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-0809 | ----- | ----- | 8 | ----- | 3 | 10.16 | 7.62 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-0800 | ----- | ----- | 8 | ----- | 1 | 10.16 | 7.62 | 6.10 | 2.79 | 2.29 |
| ----- | 87911-0814 | ----- | ----- | 8 | ----- | 1 | 10.16 | 7.62 | 5.80 | 3.60 | 1.81 |
| ----- | 87911-1001 | ----- | ----- | 10 | ----- | 1 | 12.70 | 10.16 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1002 | ----- | ----- | 10 | ----- | 2 | 12.70 | 10.16 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1003 | ----- | ----- | 10 | ----- | 3 | 12.70 | 10.16 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1004 | ----- | ----- | 10 | ----- | 4 | 12.70 | 10.16 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1005 | ----- | ----- | 10 | ----- | 5 | 12.70 | 10.16 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1006 | ----- | ----- | 10 | ----- | 6 | 12.70 | 10.16 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1007 | ----- | ----- | 10 | ----- | 1 | 12.70 | 10.16 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-1008 | ----- | ----- | 10 | ----- | 2 | 12.70 | 10.16 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-1009 | ----- | ----- | 10 | ----- | 3 | 12.70 | 10.16 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-1015 | ----- | ----- | 10 | ----- | 5 | | | | | |
| 87911-1016 | ----- | ----- | ----- | 10 | ----- | 5 | 12.70 | 10.16 | 2.46 | 2.46 | 1.52 |
| ----- | 87911-1017 | ----- | ----- | 10 | ----- | 5 | 12.70 | 10.16 | 8.80 | 3.18 | 2.59 |
| 87911-1019 | ----- | ----- | ----- | 10 | ----- | 1 | 12.70 | 10.16 | 3.00 | 10.00 | 2.12 |
| ----- | 87911-1201 | ----- | ----- | 12 | ----- | 1 | 15.24 | 12.70 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1202 | ----- | ----- | 12 | ----- | 2 | 15.24 | 12.70 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1203 | ----- | ----- | 12 | ----- | 3 | 15.24 | 12.70 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1204 | ----- | ----- | 12 | ----- | 4 | 15.24 | 12.70 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1205 | ----- | ----- | 12 | ----- | 5 | 15.24 | 12.70 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1206 | ----- | ----- | 12 | ----- | 6 | 15.24 | 12.70 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1207 | ----- | ----- | 12 | ----- | 1 | 15.24 | 12.70 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-1208 | ----- | ----- | 12 | ----- | 2 | 15.24 | 12.70 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-1209 | ----- | ----- | 12 | ----- | 3 | 15.24 | 12.70 | 8.13 | 2.79 | 2.61 |
| 87911-1215 | ----- | ----- | ----- | 12 | ----- | 2 | 15.24 | 12.70 | 11.57 | 4.47 | 4.43 |

| PACKAGING OPTION PART NO. | | | | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|---------------------------|------------------|---------------|-------------|----------|---------------------------|--------------|-----------|-------|------------|-------------|------|
| TRAY | TUBE WITHOUT CAP | TUBE WITH CAP | TAPE & REEL | | | | A | B | MATING END | SOLDER TAIL | E |
| | | | | | | | | | M | P | |
| ----- | 87911-1401 | ----- | ----- | 14 | ----- | 1 | 17.78 | 15.24 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1402 | ----- | ----- | 14 | ----- | 2 | 17.78 | 15.24 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1403 | ----- | ----- | 14 | ----- | 3 | 17.78 | 15.24 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1404 | ----- | ----- | 14 | ----- | 4 | 17.78 | 15.24 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1405 | ----- | ----- | 14 | ----- | 5 | 17.78 | 15.24 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1406 | ----- | ----- | 14 | ----- | 6 | 17.78 | 15.24 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1407 | ----- | ----- | 14 | ----- | 1 | 17.78 | 15.24 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-1408 | ----- | ----- | 14 | ----- | 2 | 17.78 | 15.24 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-1409 | ----- | ----- | 14 | ----- | 3 | 17.78 | 15.24 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-1600 | ----- | ----- | 16 | ----- | 5 | 20.32 | 17.78 | 4.00 | 4.50 | 1.52 |
| ----- | 87911-1601 | ----- | ----- | 16 | ----- | 1 | 20.32 | 17.78 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1602 | ----- | ----- | 16 | ----- | 2 | 20.32 | 17.78 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1603 | ----- | ----- | 16 | ----- | 3 | 20.32 | 17.78 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1604 | ----- | ----- | 16 | ----- | 4 | 20.32 | 17.78 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1605 | ----- | ----- | 16 | ----- | 5 | 20.32 | 17.78 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1606 | ----- | ----- | 16 | ----- | 6 | 20.32 | 17.78 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1607 | ----- | ----- | 16 | ----- | 1 | 20.32 | 17.78 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-1608 | ----- | ----- | 16 | ----- | 2 | 20.32 | 17.78 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-1609 | ----- | ----- | 16 | ----- | 3 | 20.32 | 17.78 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-1614 | ----- | ----- | 16 | ----- | 5 | 20.32 | 17.78 | 3.35 | 2.34 | 1.52 |
| ----- | 87911-1615 | ----- | ----- | 16 | ----- | 4 | 20.32 | 17.78 | 3.35 | 2.34 | 1.52 |
| ----- | ----- | ----- | 87911-1617 | 16 | CKT 3, 4, 7, 8 11 & 12 | 4 | 20.32 | 17.78 | 6.10 | 2.00 | 2.61 |
| ----- | 87911-1801 | ----- | ----- | 18 | ----- | 1 | 22.86 | 20.32 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1802 | ----- | ----- | 18 | ----- | 2 | 22.86 | 20.32 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1803 | ----- | ----- | 18 | ----- | 3 | 22.86 | 20.32 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1804 | ----- | ----- | 18 | ----- | 4 | 22.86 | 20.32 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1805 | ----- | ----- | 18 | ----- | 5 | 22.86 | 20.32 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1806 | ----- | ----- | 18 | ----- | 6 | 22.86 | 20.32 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-1807 | ----- | ----- | 18 | ----- | 1 | 22.86 | 20.32 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-1808 | ----- | ----- | 18 | ----- | 2 | 22.86 | 20.32 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-1809 | ----- | ----- | 18 | ----- | 3 | 22.86 | 20.32 | 8.13 | 2.79 | 2.61 |

| | | | | | | | |
|-----------------|--|--|--|----|--------------|------------|----------|
| DOCUMENT STATUS | | | | P1 | RELEASE DATE | 2020/04/15 | 10:33:16 |
|-----------------|--|--|--|----|--------------|------------|----------|

| | |
|---|------------------------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | |
| DIMENSION UNITS mm | SCALE NTS |
| CURRENT REV DESC: | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | |
| 4 PLACES ± | MM INCH |
| 3 PLACES ± | |
| 2 PLACES ± | 0.2 |
| 1 PLACE ± | |
| 0 PLACES ± | |
| ANGULAR TOL ± | 3.0° |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIRD ANGLE PROJECTION |

| | | | | | | | |
|-------------------|--|--------------------------|--|--------------------------------|--|-------------------------------|--|
| EC NO: 635905 | | DRWN: ABABUPS 2020/04/14 | | CHK'D: MRAMAKRISHNA 2020/04/15 | | APPR: MRAMAKRISHNA 2020/04/15 | |
| INITIAL REVISION: | | DRWN: KSEE 2004/11/30 | | APPR: SCLOW 2004/12/16 | | SERIES 87911 | |
| DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | |
| SD-87911-015 | | PSD | | 001 | | C1 | |
| MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | | | |
| SEE TABLE | | GENERAL MARKET | | 3 OF 9 | | | |

| | | | |
|----------|--|----------------|--|
| CUSTOMER | | GENERAL MARKET | |
|----------|--|----------------|--|

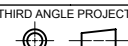
| PACKAGING OPTION PART NO. | | | | DIMENSION | | | | | | | |
|---------------------------|------------------|---------------|-------------|-----------|---------------|--------------|-------|-------|------------|-------------|------|
| TRAY | TUBE WITHOUT CAP | TUBE WITH CAP | TAPE & REEL | CKT SIZE | VOID POSITION | PLATING TYPE | A | B | MATING END | SOLDER TAIL | E |
| | | | | | | | | | M | P | |
| ----- | 87911-2001 | ----- | ----- | 20 | ----- | 1 | 25.40 | 22.86 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2002 | ----- | ----- | 20 | ----- | 2 | 25.40 | 22.86 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2003 | ----- | ----- | 20 | ----- | 3 | 25.40 | 22.86 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2004 | ----- | ----- | 20 | ----- | 4 | 25.40 | 22.86 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2005 | ----- | ----- | 20 | ----- | 5 | 25.40 | 22.86 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2006 | ----- | ----- | 20 | ----- | 6 | 25.40 | 22.86 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2007 | ----- | ----- | 20 | ----- | 1 | 25.40 | 22.86 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-2008 | ----- | ----- | 20 | ----- | 2 | 25.40 | 22.86 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-2009 | ----- | ----- | 20 | ----- | 3 | 25.40 | 22.86 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-2201 | ----- | ----- | 22 | ----- | 1 | 27.94 | 25.40 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2202 | ----- | ----- | 22 | ----- | 2 | 27.94 | 25.40 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2203 | ----- | ----- | 22 | ----- | 3 | 27.94 | 25.40 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2204 | ----- | ----- | 22 | ----- | 4 | 27.94 | 25.40 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2205 | ----- | ----- | 22 | ----- | 5 | 27.94 | 25.40 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2206 | ----- | ----- | 22 | ----- | 6 | 27.94 | 25.40 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2207 | ----- | ----- | 22 | ----- | 1 | 27.94 | 25.40 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-2208 | ----- | ----- | 22 | ----- | 2 | 27.94 | 25.40 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-2209 | ----- | ----- | 22 | ----- | 3 | 27.94 | 25.40 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-2401 | ----- | ----- | 24 | ----- | 1 | 30.48 | 27.94 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2402 | ----- | ----- | 24 | ----- | 2 | 30.48 | 27.94 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2403 | ----- | ----- | 24 | ----- | 3 | 30.48 | 27.94 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2404 | ----- | ----- | 24 | ----- | 4 | 30.48 | 27.94 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2405 | ----- | ----- | 24 | ----- | 5 | 30.48 | 27.94 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2406 | ----- | ----- | 24 | ----- | 6 | 30.48 | 27.94 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2407 | ----- | ----- | 24 | ----- | 1 | 30.48 | 27.94 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-2408 | ----- | ----- | 24 | ----- | 2 | 30.48 | 27.94 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-2409 | ----- | ----- | 24 | ----- | 3 | 30.48 | 27.94 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-2414 | ----- | ----- | 24 | ----- | 5 | 30.48 | 27.94 | 3.35 | 2.34 | 1.52 |
| ----- | 87911-2415 | ----- | ----- | 24 | ----- | 4 | 30.48 | 27.94 | 3.35 | 2.34 | 1.52 |

| PACKAGING OPTION PART NO. | | | | DIMENSION | | | | | | | |
|---------------------------|------------------|---------------|-------------|-----------|---------------|--------------|-------|-------|------------|-------------|------|
| TRAY | TUBE WITHOUT CAP | TUBE WITH CAP | TAPE & REEL | CKT SIZE | VOID POSITION | PLATING TYPE | A | B | MATING END | SOLDER TAIL | E |
| | | | | | | | | | M | P | |
| ----- | 87911-2601 | ----- | ----- | 26 | ----- | 1 | 33.02 | 30.48 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2602 | ----- | ----- | 26 | ----- | 2 | 33.02 | 30.48 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2603 | ----- | ----- | 26 | ----- | 3 | 33.02 | 30.48 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2604 | ----- | ----- | 26 | ----- | 4 | 33.02 | 30.48 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2605 | ----- | ----- | 26 | ----- | 5 | 33.02 | 30.48 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2606 | ----- | ----- | 26 | ----- | 6 | 33.02 | 30.48 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2607 | ----- | ----- | 26 | ----- | 1 | 33.02 | 30.48 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-2608 | ----- | ----- | 26 | ----- | 2 | 33.02 | 30.48 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-2609 | ----- | ----- | 26 | ----- | 3 | 33.02 | 30.48 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-2610 | ----- | ----- | 26 | ----- | 3 | 33.02 | 30.48 | 4.00 | 2.79 | 1.32 |
| ----- | 87911-2801 | ----- | ----- | 28 | ----- | 1 | 35.56 | 33.02 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2802 | ----- | ----- | 28 | ----- | 2 | 35.56 | 33.02 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2803 | ----- | ----- | 28 | ----- | 3 | 35.56 | 33.02 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2804 | ----- | ----- | 28 | ----- | 4 | 35.56 | 33.02 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2805 | ----- | ----- | 28 | ----- | 5 | 35.56 | 33.02 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2806 | ----- | ----- | 28 | ----- | 6 | 35.56 | 33.02 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-2807 | ----- | ----- | 28 | ----- | 1 | 35.56 | 33.02 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-2808 | ----- | ----- | 28 | ----- | 2 | 35.56 | 33.02 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-2809 | ----- | ----- | 28 | ----- | 3 | 35.56 | 33.02 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-3001 | ----- | ----- | 30 | ----- | 1 | 38.10 | 35.56 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3002 | ----- | ----- | 30 | ----- | 2 | 38.10 | 35.56 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3003 | ----- | ----- | 30 | ----- | 3 | 38.10 | 35.56 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3004 | ----- | ----- | 30 | ----- | 4 | 38.10 | 35.56 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3005 | ----- | ----- | 30 | ----- | 5 | 38.10 | 35.56 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3006 | ----- | ----- | 30 | ----- | 6 | 38.10 | 35.56 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3007 | ----- | ----- | 30 | ----- | 1 | 38.10 | 35.56 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-3008 | ----- | ----- | 30 | ----- | 2 | 38.10 | 35.56 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-3009 | ----- | ----- | 30 | ----- | 3 | 38.10 | 35.56 | 8.13 | 2.79 | 2.61 |

| | | | | | | | | | | | |
|---|--|-------|--|---|--|---------|--|---|--|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | |  | | | |
| mm | | NTS | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: 635905 | | | | CUSTOM HEADER 2.54MM DUAL ROW HEADER SINGLE WAFER, R/A | | | |
| | | | | DRWN: ABABUPS 2020/04/14 | | | | | | | |
| | | | | CHK'D: MRAMAKRISHNA 2020/04/15 | | | | PRODUCT CUSTOMER DRAWING | | | |
| | | | | APPR: MRAMAKRISHNA 2020/04/15 | | | | | | | |
| | | | | INITIAL REVISION: | | | | DOCUMENT NUMBER SD-87911-015 | | | |
| | | | | DRWN: KSEE 2004/11/30 | | | | | | | |
| | | | | APPR: SCLOW 2004/12/16 | | | | DOC TYPE PSD | | | |
| | | | | ANGULAR TOL ± 3.0° | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | SHEET NUMBER | |
| | | | |  | | A3-SIZE | | 87911 | | 4 OF 9 | |


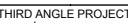

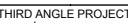

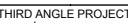
| PACKAGING OPTION PART NO. | | | | | | | DIMENSION | | | | |
|---------------------------|------------------|---------------|-------------|----------|---------------|--------------|-----------|-------|------------|-------------|------|
| TRAY | TUBE WITHOUT CAP | TUBE WITH CAP | TAPE & REEL | CKT SIZE | VOID POSITION | PLATING TYPE | A | B | MATING END | SOLDER TAIL | E |
| | | | | | | | | | M | P | |
| ----- | 87911-3201 | ----- | ----- | 32 | ----- | 1 | 40.64 | 38.10 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3202 | ----- | ----- | 32 | ----- | 2 | 40.64 | 38.10 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3203 | ----- | ----- | 32 | ----- | 3 | 40.64 | 38.10 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3204 | ----- | ----- | 32 | ----- | 4 | 40.64 | 38.10 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3205 | ----- | ----- | 32 | ----- | 5 | 40.64 | 38.10 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3206 | ----- | ----- | 32 | ----- | 6 | 40.64 | 38.10 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3207 | ----- | ----- | 32 | ----- | 1 | 40.64 | 38.10 | 8.13 | 2.79 | 2.62 |
| ----- | 87911-3208 | ----- | ----- | 32 | ----- | 2 | 40.64 | 38.10 | 8.13 | 2.79 | 2.62 |
| ----- | 87911-3209 | ----- | ----- | 32 | ----- | 3 | 40.64 | 38.10 | 8.13 | 2.79 | 2.62 |
| ----- | 87911-3401 | ----- | ----- | 34 | ----- | 1 | 43.18 | 40.64 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3402 | ----- | ----- | 34 | ----- | 2 | 43.18 | 40.64 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3403 | ----- | ----- | 34 | ----- | 3 | 43.18 | 40.64 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3404 | ----- | ----- | 34 | ----- | 4 | 43.18 | 40.64 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3405 | ----- | ----- | 34 | ----- | 5 | 43.18 | 40.64 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3406 | ----- | ----- | 34 | ----- | 6 | 43.18 | 40.64 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3407 | ----- | ----- | 34 | ----- | 1 | 43.18 | 40.64 | 8.13 | 2.79 | 2.62 |
| ----- | 87911-3408 | ----- | ----- | 34 | ----- | 2 | 43.18 | 40.64 | 8.13 | 2.79 | 2.62 |
| ----- | 87911-3409 | ----- | ----- | 34 | ----- | 3 | 43.18 | 40.64 | 8.13 | 2.79 | 2.62 |
| ----- | 87911-3601 | ----- | ----- | 36 | ----- | 1 | 45.72 | 43.18 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3602 | ----- | ----- | 36 | ----- | 2 | 45.72 | 43.18 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3603 | ----- | ----- | 36 | ----- | 3 | 45.72 | 43.18 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3604 | ----- | ----- | 36 | ----- | 4 | 45.72 | 43.18 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3605 | ----- | ----- | 36 | ----- | 5 | 45.72 | 43.18 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3606 | ----- | ----- | 36 | ----- | 6 | 45.72 | 43.18 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3607 | ----- | ----- | 36 | ----- | 1 | 45.72 | 43.18 | 8.13 | 2.79 | 2.62 |
| ----- | 87911-3608 | ----- | ----- | 36 | ----- | 2 | 45.72 | 43.18 | 8.13 | 2.79 | 2.62 |
| ----- | 87911-3609 | ----- | ----- | 36 | ----- | 3 | 45.72 | 43.18 | 8.13 | 2.79 | 2.62 |
| 87911-3614 | ----- | ----- | ----- | 36 | ----- | 5 | 45.72 | 43.18 | 2.60 | 5.13 | 1.77 |
| 87911-3615 | ----- | ----- | ----- | 36 | ----- | 5 | 45.72 | 43.18 | 5.13 | 2.60 | 1.57 |

| PACKAGING OPTION PART NO. | | | | | | | DIMENSION | | | | |
|---------------------------|------------------|---------------|-------------|----------|---------------|--------------|-----------|-------|------------|-------------|------|
| TRAY | TUBE WITHOUT CAP | TUBE WITH CAP | TAPE & REEL | CKT SIZE | VOID POSITION | PLATING TYPE | A | B | MATING END | SOLDER TAIL | E |
| | | | | | | | | | M | P | |
| ----- | 87911-3801 | ----- | ----- | 38 | ----- | 1 | 48.26 | 45.72 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3802 | ----- | ----- | 38 | ----- | 2 | 48.26 | 45.72 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3803 | ----- | ----- | 38 | ----- | 3 | 48.26 | 45.72 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3804 | ----- | ----- | 38 | ----- | 4 | 48.26 | 45.72 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3805 | ----- | ----- | 38 | ----- | 5 | 48.26 | 45.72 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3806 | ----- | ----- | 38 | ----- | 6 | 48.26 | 45.72 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-3807 | ----- | ----- | 38 | ----- | 1 | 48.26 | 45.72 | 8.13 | 2.79 | 2.62 |
| ----- | 87911-3808 | ----- | ----- | 38 | ----- | 2 | 48.26 | 45.72 | 8.13 | 2.79 | 2.62 |
| ----- | 87911-3809 | ----- | ----- | 38 | ----- | 3 | 48.26 | 45.72 | 8.13 | 2.79 | 2.62 |
| ----- | 87911-4001 | ----- | ----- | 40 | ----- | 1 | 50.80 | 48.26 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4002 | ----- | ----- | 40 | ----- | 2 | 50.80 | 48.26 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4003 | ----- | ----- | 40 | ----- | 3 | 50.80 | 48.26 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4004 | ----- | ----- | 40 | ----- | 4 | 50.80 | 48.26 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4005 | ----- | ----- | 40 | ----- | 5 | 50.80 | 48.26 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4006 | ----- | ----- | 40 | ----- | 6 | 50.80 | 48.26 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4007 | ----- | ----- | 40 | ----- | 1 | 50.80 | 48.26 | 8.13 | 2.79 | 2.62 |
| ----- | 87911-4008 | ----- | ----- | 40 | ----- | 2 | 50.80 | 48.26 | 8.13 | 2.79 | 2.62 |
| ----- | 87911-4009 | ----- | ----- | 40 | ----- | 3 | 50.80 | 48.26 | 8.13 | 2.79 | 2.62 |
| ----- | 87911-4201 | ----- | ----- | 42 | ----- | 1 | 53.34 | 50.80 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4202 | ----- | ----- | 42 | ----- | 2 | 53.34 | 50.80 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4203 | ----- | ----- | 42 | ----- | 3 | 53.34 | 50.80 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4204 | ----- | ----- | 42 | ----- | 4 | 53.34 | 50.80 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4205 | ----- | ----- | 42 | ----- | 5 | 53.34 | 50.80 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4206 | ----- | ----- | 42 | ----- | 6 | 53.34 | 50.80 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4207 | ----- | ----- | 42 | ----- | 1 | 53.34 | 50.80 | 8.13 | 2.79 | 2.62 |
| ----- | 87911-4208 | ----- | ----- | 42 | ----- | 2 | 53.34 | 50.80 | 8.13 | 2.79 | 2.62 |
| ----- | 87911-4209 | ----- | ----- | 42 | ----- | 3 | 53.34 | 50.80 | 8.13 | 2.79 | 2.62 |

| <p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------|------|---|--|--|---|----|------|--|--|--|------------|--|--|------------|--|--|------------|-----|--|-----------|--|--|------------|--|--|---------------|------|--|
| <p>DIMENSION UNITS</p> <p>mm NTS</p> | | | <p>SCALE</p> | | | <p>CURRENT REV DESC:</p> | | | <p>molex</p> <p>CUSTOM HEADER</p> <p>2.54MM DUAL ROW HEADER SINGLE WAFER, R/A</p> | | | | | | | | | | | | | | | | | | | | |
| <p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <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>0.2</td> <td></td> </tr> <tr> <td>1 PLACE ±</td> <td></td> <td></td> </tr> <tr> <td>0 PLACES ±</td> <td></td> <td></td> </tr> <tr> <td>ANGULAR TOL ±</td> <td colspan="2">3.0°</td> </tr> </table> | | | | | | | MM | INCH | | | | 4 PLACES ± | | | 3 PLACES ± | | | 2 PLACES ± | 0.2 | | 1 PLACE ± | | | 0 PLACES ± | | | ANGULAR TOL ± | 3.0° | |
| | MM | INCH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 PLACES ± | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES ± | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES ± | 0.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE ± | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACES ± | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANGULAR TOL ± | 3.0° | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p> | | | <p>THIRD ANGLE PROJECTION</p>  | | | <p>DRAWING</p> <p>A3-SIZE</p> | | | <p>SERIES</p> <p>87911</p> | | | | | | | | | | | | | | | | | | | | |
| <p>DOCUMENT STATUS</p> <p>P1 RELEASE DATE 2020/04/15 10:33:16</p> | | | <p>INITIAL REVISION:</p> <p>DRWN: KSEE 2004/11/30</p> <p>APPR: SCLOW 2004/12/16</p> | | | <p>DOCUMENT NUMBER</p> <p>SD-87911-015</p> | | | <p>DOC TYPE DOC PART REVISION</p> <p>PSD 001 C1</p> | | | | | | | | | | | | | | | | | | | | |
| <p>SHEET NUMBER</p> <p>5 OF 9</p> | | | <p>MATERIAL NUMBER</p> <p>SEE TABLE</p> | | | <p>CUSTOMER</p> <p>GENERAL MARKET</p> | | | | | | | | | | | | | | | | | | | | | | | |

| PACKAGING OPTION PART NO. | | | | DIMENSION | | | | | | | |
|---------------------------|------------------|---------------|-------------|-----------|---------------|--------------|-------|-------|------------|-------------|------|
| TRAY | TUBE WITHOUT CAP | TUBE WITH CAP | TAPE & REEL | CKT SIZE | VOID POSITION | PLATING TYPE | A | B | MATING END | SOLDER TAIL | E |
| | | | | | | | | | M | P | |
| ----- | 87911-4401 | ----- | ----- | 44 | ----- | 1 | 55.88 | 53.34 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4402 | ----- | ----- | 44 | ----- | 2 | 55.88 | 53.34 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4403 | ----- | ----- | 44 | ----- | 3 | 55.88 | 53.34 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4404 | ----- | ----- | 44 | ----- | 4 | 55.88 | 53.34 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4405 | ----- | ----- | 44 | ----- | 5 | 55.88 | 53.34 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4406 | ----- | ----- | 44 | ----- | 6 | 55.88 | 53.34 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4407 | ----- | ----- | 44 | ----- | 1 | 55.88 | 53.34 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-4408 | ----- | ----- | 44 | ----- | 2 | 55.88 | 53.34 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-4409 | ----- | ----- | 44 | ----- | 3 | 55.88 | 53.34 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-4601 | ----- | ----- | 46 | ----- | 1 | 58.42 | 55.88 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4602 | ----- | ----- | 46 | ----- | 2 | 58.42 | 55.88 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4603 | ----- | ----- | 46 | ----- | 3 | 58.42 | 55.88 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4604 | ----- | ----- | 46 | ----- | 4 | 58.42 | 55.88 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4605 | ----- | ----- | 46 | ----- | 5 | 58.42 | 55.88 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4606 | ----- | ----- | 46 | ----- | 6 | 58.42 | 55.88 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4607 | ----- | ----- | 46 | ----- | 1 | 58.42 | 55.88 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-4608 | ----- | ----- | 46 | ----- | 2 | 58.42 | 55.88 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-4609 | ----- | ----- | 46 | ----- | 3 | 58.42 | 55.88 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-4801 | ----- | ----- | 48 | ----- | 1 | 60.96 | 58.42 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4802 | ----- | ----- | 48 | ----- | 2 | 60.96 | 58.42 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4803 | ----- | ----- | 48 | ----- | 3 | 60.96 | 58.42 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4804 | ----- | ----- | 48 | ----- | 4 | 60.96 | 58.42 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4805 | ----- | ----- | 48 | ----- | 5 | 60.96 | 58.42 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4806 | ----- | ----- | 48 | ----- | 6 | 60.96 | 58.42 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-4807 | ----- | ----- | 48 | ----- | 1 | 60.96 | 58.42 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-4808 | ----- | ----- | 48 | ----- | 2 | 60.96 | 58.42 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-4809 | ----- | ----- | 48 | ----- | 3 | 60.96 | 58.42 | 8.13 | 2.79 | 2.61 |

| PACKAGING OPTION PART NO. | | | | DIMENSION | | | | | | | |
|---------------------------|------------------|---------------|-------------|-----------|---------------|--------------|-------|-------|------------|-------------|------|
| TRAY | TUBE WITHOUT CAP | TUBE WITH CAP | TAPE & REEL | CKT SIZE | VOID POSITION | PLATING TYPE | A | B | MATING END | SOLDER TAIL | E |
| | | | | | | | | | M | P | |
| ----- | 87911-5001 | ----- | ----- | 50 | ----- | 1 | 63.50 | 60.96 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5002 | ----- | ----- | 50 | ----- | 2 | 63.50 | 60.96 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5003 | ----- | ----- | 50 | ----- | 3 | 63.50 | 60.96 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5004 | ----- | ----- | 50 | ----- | 4 | 63.50 | 60.96 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5005 | ----- | ----- | 50 | ----- | 5 | 63.50 | 60.96 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5006 | ----- | ----- | 50 | ----- | 6 | 63.50 | 60.96 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5007 | ----- | ----- | 50 | ----- | 1 | 63.50 | 60.96 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-5008 | ----- | ----- | 50 | ----- | 2 | 63.50 | 60.96 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-5009 | ----- | ----- | 50 | ----- | 3 | 63.50 | 60.96 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-5201 | ----- | ----- | 52 | ----- | 1 | 66.04 | 63.50 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5202 | ----- | ----- | 52 | ----- | 2 | 66.04 | 63.50 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5203 | ----- | ----- | 52 | ----- | 3 | 66.04 | 63.50 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5204 | ----- | ----- | 52 | ----- | 4 | 66.04 | 63.50 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5205 | ----- | ----- | 52 | ----- | 5 | 66.04 | 63.50 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5206 | ----- | ----- | 52 | ----- | 6 | 66.04 | 63.50 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5207 | ----- | ----- | 52 | ----- | 1 | 66.04 | 63.50 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-5208 | ----- | ----- | 52 | ----- | 2 | 66.04 | 63.50 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-5209 | ----- | ----- | 52 | ----- | 3 | 66.04 | 63.50 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-5401 | ----- | ----- | 54 | ----- | 1 | 68.58 | 66.04 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5402 | ----- | ----- | 54 | ----- | 2 | 68.58 | 66.04 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5403 | ----- | ----- | 54 | ----- | 3 | 68.58 | 66.04 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5404 | ----- | ----- | 54 | ----- | 4 | 68.58 | 66.04 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5405 | ----- | ----- | 54 | ----- | 5 | 68.58 | 66.04 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5406 | ----- | ----- | 54 | ----- | 6 | 68.58 | 66.04 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5407 | ----- | ----- | 54 | ----- | 1 | 68.58 | 66.04 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-5408 | ----- | ----- | 54 | ----- | 2 | 68.58 | 66.04 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-5409 | ----- | ----- | 54 | ----- | 3 | 68.58 | 66.04 | 8.13 | 2.79 | 2.61 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--------|------|---|--|--|--------|-----------------|----------------|----------|--------------|-----------------|--|-------|--|-------------------|--|---|--|--|--|----|--|-----|--|--|--|---------------------------------------|--|--|--|--|--|--|--|--|--|--|--|----|------|--|--|----------|---|--|---|--|--|---|--|--|--|----------|---|--|---|--|--|----------|---|-----|---|--|--|--------------------------|--|--|--|---------|---|--|---|--|--|----------|---|--|---|--|--|-------------------|--|-----------------|--|----------|----------|----------|-------------|--|--------|--|-----------------------|--|------------------------|--|--------------|--|-----|-----|----|--|--|--|--|------------------------|--|---------|--------|-----------------|----------|--|--------------|--|--|--|--|--|---|--|---------|-------|-----------|----------------|--|--------|--|
| <p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p> <table border="1"> <tr> <td colspan="2">DIMENSION UNITS</td> <td colspan="2">SCALE</td> <td colspan="2">CURRENT REV DESC:</td> <td colspan="4" rowspan="2">  </td> </tr> <tr> <td colspan="2">mm</td> <td colspan="2">NTS</td> <td colspan="2"></td> </tr> <tr> <td colspan="6">GENERAL TOLERANCES (UNLESS SPECIFIED)</td> <td colspan="4" rowspan="2"> EC NO: 635905 DRWN: ABABUPS 2020/04/14 CHK'D: MRAMAKRISHNA 2020/04/15 APPR: MRAMAKRISHNA 2020/04/15 </td> </tr> <tr> <td colspan="2"></td> <td>MM</td> <td>INCH</td> <td colspan="2"></td> </tr> <tr> <td>4 PLACES</td> <td>±</td> <td></td> <td>±</td> <td colspan="2"></td> <td colspan="4" rowspan="2"> CUSTOM HEADER 2.54MM DUAL ROW HEADER SINGLE WAFER, R/A </td> </tr> <tr> <td>3 PLACES</td> <td>±</td> <td></td> <td>±</td> <td colspan="2"></td> </tr> <tr> <td>2 PLACES</td> <td>±</td> <td>0.2</td> <td>±</td> <td colspan="2"></td> <td colspan="4" rowspan="2"> PRODUCT CUSTOMER DRAWING </td> </tr> <tr> <td>1 PLACE</td> <td>±</td> <td></td> <td>±</td> <td colspan="2"></td> </tr> <tr> <td>0 PLACES</td> <td>±</td> <td></td> <td>±</td> <td colspan="2"></td> <td colspan="2">INITIAL REVISION:</td> <td colspan="2">DOCUMENT NUMBER</td> <td>DOC TYPE</td> <td>DOC PART</td> <td>REVISION</td> </tr> <tr> <td colspan="2">ANGULAR TOL</td> <td colspan="2">± 3.0°</td> <td colspan="2">DRWN: KSEE 2004/11/30</td> <td colspan="2">APPR: SCLOW 2004/12/16</td> <td colspan="2">SD-87911-015</td> <td>PSD</td> <td>001</td> <td>C1</td> </tr> <tr> <td colspan="4">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td> <td colspan="2">THIRD ANGLE PROJECTION</td> <td>DRAWING</td> <td>SERIES</td> <td>MATERIAL NUMBER</td> <td colspan="2">CUSTOMER</td> <td colspan="2">SHEET NUMBER</td> </tr> <tr> <td colspan="4"></td> <td colspan="2">  </td> <td>A3-SIZE</td> <td>87911</td> <td>SEE TABLE</td> <td colspan="2">GENERAL MARKET</td> <td colspan="2">6 OF 9</td> </tr> </table> | | | | | | | | | | | | DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | |  | | | | mm | | NTS | | | | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | EC NO: 635905 DRWN: ABABUPS 2020/04/14 CHK'D: MRAMAKRISHNA 2020/04/15 APPR: MRAMAKRISHNA 2020/04/15 | | | | | | MM | INCH | | | 4 PLACES | ± | | ± | | | CUSTOM HEADER 2.54MM DUAL ROW HEADER SINGLE WAFER, R/A | | | | 3 PLACES | ± | | ± | | | 2 PLACES | ± | 0.2 | ± | | | PRODUCT CUSTOMER DRAWING | | | | 1 PLACE | ± | | ± | | | 0 PLACES | ± | | ± | | | INITIAL REVISION: | | DOCUMENT NUMBER | | DOC TYPE | DOC PART | REVISION | ANGULAR TOL | | ± 3.0° | | DRWN: KSEE 2004/11/30 | | APPR: SCLOW 2004/12/16 | | SD-87911-015 | | PSD | 001 | C1 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | | SHEET NUMBER | | | | | |  | | A3-SIZE | 87911 | SEE TABLE | GENERAL MARKET | | 6 OF 9 | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| mm | | NTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | EC NO: 635905 DRWN: ABABUPS 2020/04/14 CHK'D: MRAMAKRISHNA 2020/04/15 APPR: MRAMAKRISHNA 2020/04/15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | MM | INCH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 PLACES | ± | | ± | | | CUSTOM HEADER 2.54MM DUAL ROW HEADER SINGLE WAFER, R/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± | | ± | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± | 0.2 | ± | | | PRODUCT CUSTOMER DRAWING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± | | ± | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACES | ± | | ± | | | INITIAL REVISION: | | DOCUMENT NUMBER | | DOC TYPE | DOC PART | REVISION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANGULAR TOL | | ± 3.0° | | DRWN: KSEE 2004/11/30 | | APPR: SCLOW 2004/12/16 | | SD-87911-015 | | PSD | 001 | C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | | SHEET NUMBER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | |  | | A3-SIZE | 87911 | SEE TABLE | GENERAL MARKET | | 6 OF 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2020/04/15 | 10:33:16 |
|-----------------|----|--------------|------------|----------|


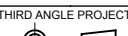
| PACKAGING OPTION PART NO. | | | | DIMENSION | | | | | | | |
|---------------------------|------------------|---------------|-------------|-----------|---------------|--------------|-------|-------|------------|-------------|------|
| TRAY | TUBE WITHOUT CAP | TUBE WITH CAP | TAPE & REEL | CKT SIZE | VOID POSITION | PLATING TYPE | A | B | MATING END | SOLDER TAIL | E |
| | | | | | | | | | M | P | |
| ----- | 87911-5601 | ----- | ----- | 56 | ----- | 1 | 71.12 | 68.58 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5602 | ----- | ----- | 56 | ----- | 2 | 71.12 | 68.58 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5603 | ----- | ----- | 56 | ----- | 3 | 71.12 | 68.58 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5604 | ----- | ----- | 56 | ----- | 4 | 71.12 | 68.58 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5605 | ----- | ----- | 56 | ----- | 5 | 71.12 | 68.58 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5606 | ----- | ----- | 56 | ----- | 6 | 71.12 | 68.58 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5607 | ----- | ----- | 56 | ----- | 1 | 71.12 | 68.58 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-5608 | ----- | ----- | 56 | ----- | 2 | 71.12 | 68.58 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-5609 | ----- | ----- | 56 | ----- | 3 | 71.12 | 68.58 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-5801 | ----- | ----- | 58 | ----- | 1 | 73.66 | 71.12 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5802 | ----- | ----- | 58 | ----- | 2 | 73.66 | 71.12 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5803 | ----- | ----- | 58 | ----- | 3 | 73.66 | 71.12 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5804 | ----- | ----- | 58 | ----- | 4 | 73.66 | 71.12 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5805 | ----- | ----- | 58 | ----- | 5 | 73.66 | 71.12 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5806 | ----- | ----- | 58 | ----- | 6 | 73.66 | 71.12 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-5807 | ----- | ----- | 58 | ----- | 1 | 73.66 | 71.12 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-5808 | ----- | ----- | 58 | ----- | 2 | 73.66 | 71.12 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-5809 | ----- | ----- | 58 | ----- | 3 | 73.66 | 71.12 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-6001 | ----- | ----- | 60 | ----- | 1 | 76.20 | 73.66 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6002 | ----- | ----- | 60 | ----- | 2 | 76.20 | 73.66 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6003 | ----- | ----- | 60 | ----- | 3 | 76.20 | 73.66 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6004 | ----- | ----- | 60 | ----- | 4 | 76.20 | 73.66 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6005 | ----- | ----- | 60 | ----- | 5 | 76.20 | 73.66 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6006 | ----- | ----- | 60 | ----- | 6 | 76.20 | 73.66 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6007 | ----- | ----- | 60 | ----- | 1 | 76.20 | 73.66 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-6008 | ----- | ----- | 60 | ----- | 2 | 76.20 | 73.66 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-6009 | ----- | ----- | 60 | ----- | 3 | 76.20 | 73.66 | 8.13 | 2.79 | 2.61 |

| PACKAGING OPTION PART NO. | | | | DIMENSION | | | | | | | |
|---------------------------|------------------|---------------|-------------|-----------|---------------|--------------|-------|-------|------------|-------------|------|
| TRAY | TUBE WITHOUT CAP | TUBE WITH CAP | TAPE & REEL | CKT SIZE | VOID POSITION | PLATING TYPE | A | B | MATING END | SOLDER TAIL | E |
| | | | | | | | | | M | P | |
| ----- | 87911-6201 | ----- | ----- | 62 | ----- | 1 | 78.74 | 76.20 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6202 | ----- | ----- | 62 | ----- | 2 | 78.74 | 76.20 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6203 | ----- | ----- | 62 | ----- | 3 | 78.74 | 76.20 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6204 | ----- | ----- | 62 | ----- | 4 | 78.74 | 76.20 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6205 | ----- | ----- | 62 | ----- | 5 | 78.74 | 76.20 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6206 | ----- | ----- | 62 | ----- | 6 | 78.74 | 76.20 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6207 | ----- | ----- | 62 | ----- | 1 | 78.74 | 76.20 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-6208 | ----- | ----- | 62 | ----- | 2 | 78.74 | 76.20 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-6209 | ----- | ----- | 62 | ----- | 3 | 78.74 | 76.20 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-6401 | ----- | ----- | 64 | ----- | 1 | 81.28 | 78.74 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6402 | ----- | ----- | 64 | ----- | 2 | 81.28 | 78.74 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6403 | ----- | ----- | 64 | ----- | 3 | 81.28 | 78.74 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6404 | ----- | ----- | 64 | ----- | 4 | 81.28 | 78.74 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6405 | ----- | ----- | 64 | ----- | 5 | 81.28 | 78.74 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6406 | ----- | ----- | 64 | ----- | 6 | 81.28 | 78.74 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6407 | ----- | ----- | 64 | ----- | 1 | 81.28 | 78.74 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-6408 | ----- | ----- | 64 | ----- | 2 | 81.28 | 78.74 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-6409 | ----- | ----- | 64 | ----- | 3 | 81.28 | 78.74 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-6601 | ----- | ----- | 66 | ----- | 1 | 83.82 | 81.28 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6602 | ----- | ----- | 66 | ----- | 2 | 83.82 | 81.28 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6603 | ----- | ----- | 66 | ----- | 3 | 83.82 | 81.28 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6604 | ----- | ----- | 66 | ----- | 4 | 83.82 | 81.28 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6605 | ----- | ----- | 66 | ----- | 5 | 83.82 | 81.28 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6606 | ----- | ----- | 66 | ----- | 6 | 83.82 | 81.28 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6607 | ----- | ----- | 66 | ----- | 1 | 83.82 | 81.28 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-6608 | ----- | ----- | 66 | ----- | 2 | 83.82 | 81.28 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-6609 | ----- | ----- | 66 | ----- | 3 | 83.82 | 81.28 | 8.13 | 2.79 | 2.61 |

| | | | | | | | | | | | |
|---|--|-----------|--|--|--|----------|--|---|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | molex | | | |
| mm | | NTS | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: 635905 DRWN: ABABUPS 2020/04/14 CHK'D: MRAMAKRISHNA 2020/04/15 APPR: MRAMAKRISHNA 2020/04/15 | | | | CUSTOM HEADER 2.54MM DUAL ROW HEADER SINGLE WAFER, R/A | | | |
| | | | | | | | | | | | |
| 4 PLACES ± | | ± | | INITIAL REVISION: | | | | DOCUMENT NUMBER SD-87911-015 | | | |
| 3 PLACES ± | | ± | | | | | | | | | |
| 2 PLACES ± | | 0.2 ± | | DRWN: KSEE 2004/11/30 APPR: SCLOW 2004/12/16 | | | | DOC TYPE | | DOC PART | |
| 1 PLACE ± | | ± | | | | | | PSD | | 001 | |
| 0 PLACES ± | | ± | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | SERIES 87911 | | | |
| ANGULAR TOL ± | | 3.0° | | | | | | | | | |
| THIRD ANGLE PROJECTION | | DRAWING | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | | | |
| A3-SIZE | | SEE TABLE | | GENERAL MARKET | | 7 OF 9 | | | | | |

| PACKAGING OPTION PART NO. | | | | DIMENSION | | | | | | | |
|---------------------------|------------------|---------------|-------------|-----------|---------------|--------------|-------|-------|------------|-------------|------|
| TRAY | TUBE WITHOUT CAP | TUBE WITH CAP | TAPE & REEL | CKT SIZE | VOID POSITION | PLATING TYPE | A | B | MATING END | SOLDER TAIL | E |
| | | | | | | | | | M | P | |
| ----- | 87911-6801 | ----- | ----- | 68 | ----- | 1 | 86.36 | 83.82 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6802 | ----- | ----- | 68 | ----- | 2 | 86.36 | 83.82 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6803 | ----- | ----- | 68 | ----- | 3 | 86.36 | 83.82 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6804 | ----- | ----- | 68 | ----- | 4 | 86.36 | 83.82 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6805 | ----- | ----- | 68 | ----- | 5 | 86.36 | 83.82 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6806 | ----- | ----- | 68 | ----- | 6 | 86.36 | 83.82 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-6807 | ----- | ----- | 68 | ----- | 1 | 86.36 | 83.82 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-6808 | ----- | ----- | 68 | ----- | 2 | 86.36 | 83.82 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-6809 | ----- | ----- | 68 | ----- | 3 | 86.36 | 83.82 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-7001 | ----- | ----- | 70 | ----- | 1 | 88.90 | 86.36 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7002 | ----- | ----- | 70 | ----- | 2 | 88.90 | 86.36 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7003 | ----- | ----- | 70 | ----- | 3 | 88.90 | 86.36 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7004 | ----- | ----- | 70 | ----- | 4 | 88.90 | 86.36 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7005 | ----- | ----- | 70 | ----- | 5 | 88.90 | 86.36 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7006 | ----- | ----- | 70 | ----- | 6 | 88.90 | 86.36 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7007 | ----- | ----- | 70 | ----- | 1 | 88.90 | 86.36 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-7008 | ----- | ----- | 70 | ----- | 2 | 88.90 | 86.36 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-7009 | ----- | ----- | 70 | ----- | 3 | 88.90 | 86.36 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-7201 | ----- | ----- | 72 | ----- | 1 | 91.44 | 88.90 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7202 | ----- | ----- | 72 | ----- | 2 | 91.44 | 88.90 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7203 | ----- | ----- | 72 | ----- | 3 | 91.44 | 88.90 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7204 | ----- | ----- | 72 | ----- | 4 | 91.44 | 88.90 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7205 | ----- | ----- | 72 | ----- | 5 | 91.44 | 88.90 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7206 | ----- | ----- | 72 | ----- | 6 | 91.44 | 88.90 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7207 | ----- | ----- | 72 | ----- | 1 | 91.44 | 88.90 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-7208 | ----- | ----- | 72 | ----- | 2 | 91.44 | 88.90 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-7209 | ----- | ----- | 72 | ----- | 3 | 91.44 | 88.90 | 8.13 | 2.79 | 2.61 |

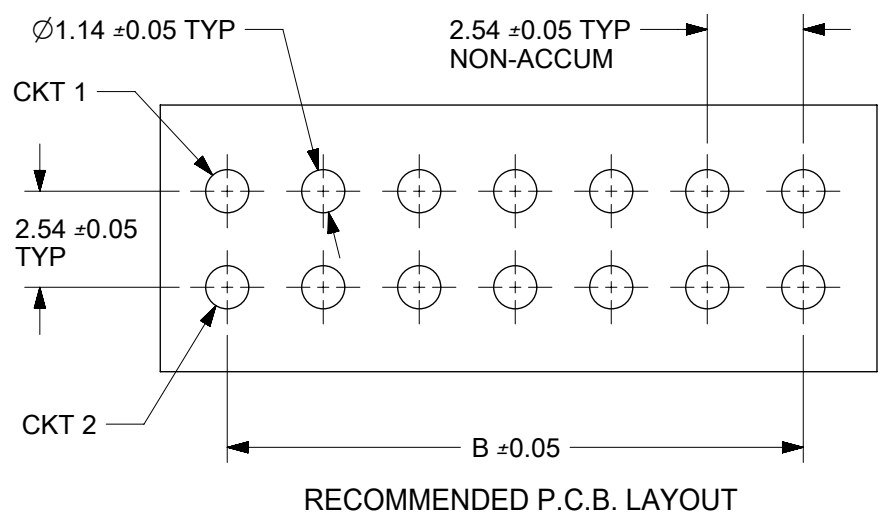
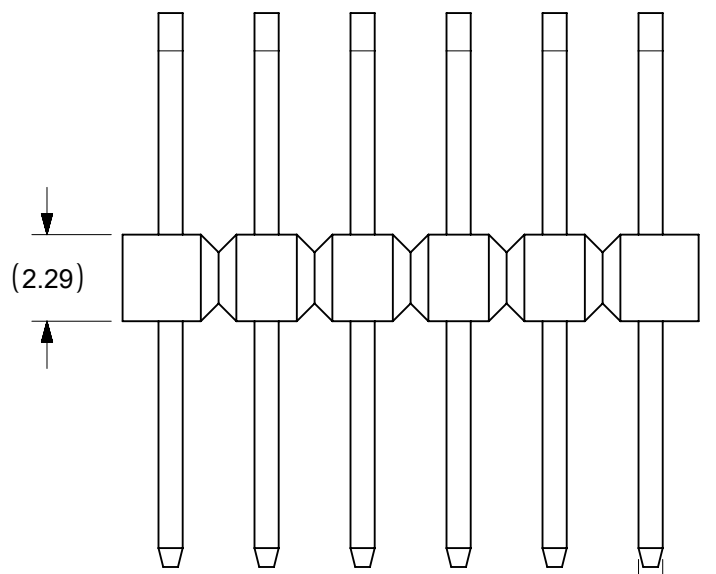
| PACKAGING OPTION PART NO. | | | | DIMENSION | | | | | | | |
|---------------------------|------------------|---------------|-------------|-----------|---------------|--------------|-------|-------|------------|-------------|------|
| TRAY | TUBE WITHOUT CAP | TUBE WITH CAP | TAPE & REEL | CKT SIZE | VOID POSITION | PLATING TYPE | A | B | MATING END | SOLDER TAIL | E |
| | | | | | | | | | M | P | |
| ----- | 87911-7401 | ----- | ----- | 74 | ----- | 1 | 93.98 | 91.44 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7402 | ----- | ----- | 74 | ----- | 2 | 93.98 | 91.44 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7403 | ----- | ----- | 74 | ----- | 3 | 93.98 | 91.44 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7404 | ----- | ----- | 74 | ----- | 4 | 93.98 | 91.44 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7405 | ----- | ----- | 74 | ----- | 5 | 93.98 | 91.44 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7406 | ----- | ----- | 74 | ----- | 6 | 93.98 | 91.44 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7407 | ----- | ----- | 74 | ----- | 1 | 93.98 | 91.44 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-7408 | ----- | ----- | 74 | ----- | 2 | 93.98 | 91.44 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-7409 | ----- | ----- | 74 | ----- | 3 | 93.98 | 91.44 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-7601 | ----- | ----- | 76 | ----- | 1 | 96.52 | 93.98 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7602 | ----- | ----- | 76 | ----- | 2 | 96.52 | 93.98 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7603 | ----- | ----- | 76 | ----- | 3 | 96.52 | 93.98 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7604 | ----- | ----- | 76 | ----- | 4 | 96.52 | 93.98 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7605 | ----- | ----- | 76 | ----- | 5 | 96.52 | 93.98 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7606 | ----- | ----- | 76 | ----- | 6 | 96.52 | 93.98 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7607 | ----- | ----- | 76 | ----- | 1 | 96.52 | 93.98 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-7608 | ----- | ----- | 76 | ----- | 2 | 96.52 | 93.98 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-7609 | ----- | ----- | 76 | ----- | 3 | 96.52 | 93.98 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-7801 | ----- | ----- | 78 | ----- | 1 | 99.06 | 96.52 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7802 | ----- | ----- | 78 | ----- | 2 | 99.06 | 96.52 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7803 | ----- | ----- | 78 | ----- | 3 | 99.06 | 96.52 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7804 | ----- | ----- | 78 | ----- | 4 | 99.06 | 96.52 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7805 | ----- | ----- | 78 | ----- | 5 | 99.06 | 96.52 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7806 | ----- | ----- | 78 | ----- | 6 | 99.06 | 96.52 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-7807 | ----- | ----- | 78 | ----- | 1 | 99.06 | 96.52 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-7808 | ----- | ----- | 78 | ----- | 2 | 99.06 | 96.52 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-7809 | ----- | ----- | 78 | ----- | 3 | 99.06 | 96.52 | 8.13 | 2.79 | 2.61 |

| | | | | | | | | | | | |
|---|--|-------|--|---|--|---------|--|--|--|-----------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | |  CUSTOM HEADER 2.54MM DUAL ROW HEADER SINGLE WAFER, R/A | | | |
| mm | | NTS | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: 635905 | | | | DOCUMENT NUMBER SD-87911-015 | | | |
| | | | | DRWN: ABABUPS 2020/04/14 | | | | | | | |
| | | | | CHK'D: MRAMAKRISHNA 2020/04/15 | | | | DOC TYPE DOC PART REVISION PSD 001 C1 | | | |
| | | | | APPR: MRAMAKRISHNA 2020/04/15 | | | | | | | |
| | | | | INITIAL REVISION: | | | | MATERIAL NUMBER CUSTOMER SEE TABLE GENERAL MARKET | | | |
| | | | | DRWN: KSEE 2004/11/30 | | | | | | | |
| | | | | APPR: SCLOW 2004/12/16 | | | | SHEET NUMBER 8 OF 9 | | | |
| | | | | ANGULAR TOL ± 3.0° | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | |
| | | | |  | | A3-SIZE | | 87911 | | SEE TABLE | |

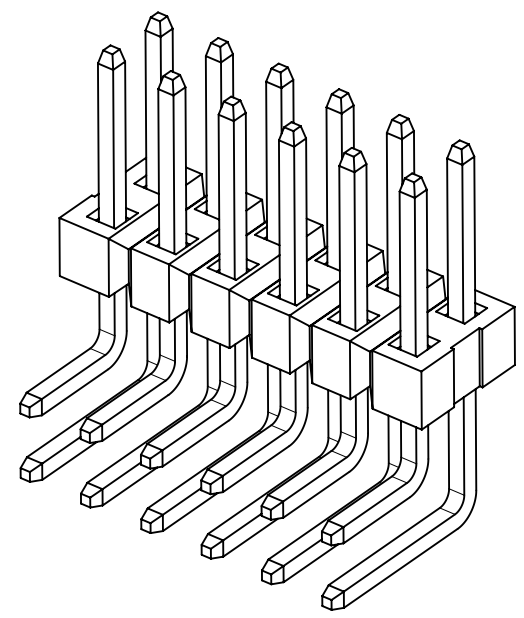
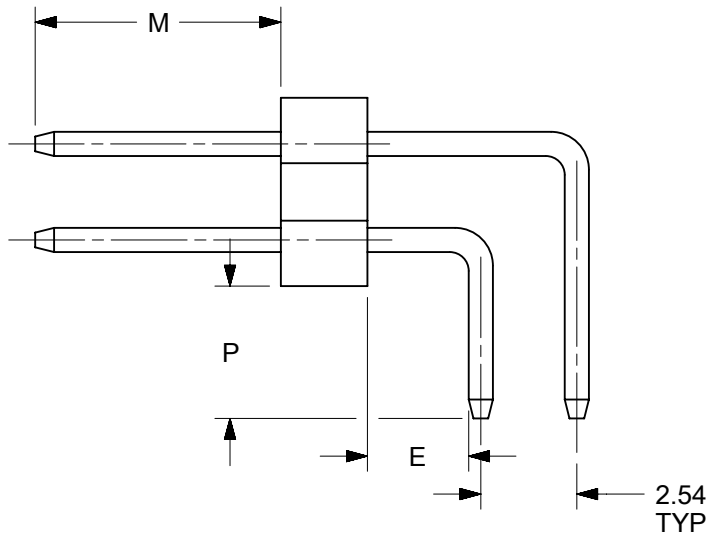
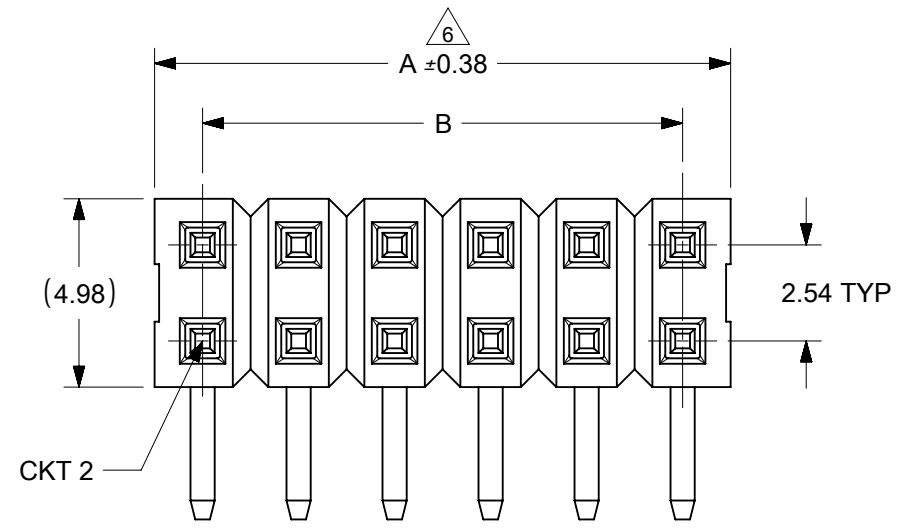
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| DOCUMENT STATUS | P1 | RELEASE DATE | 2020/04/15 | 10:33:16 |
|-----------------|----|--------------|------------|----------|

| PACKAGING OPTION PART NO. | | | | DIMENSION | | | | | | | |
|---------------------------|------------------|---------------|-------------|-----------|---------------|--------------|--------|-------|------------|-------------|------|
| TRAY | TUBE WITHOUT CAP | TUBE WITH CAP | TAPE & REEL | CKT SIZE | VOID POSITION | PLATING TYPE | A | B | MATING END | SOLDER TAIL | E |
| | | | | | | | | | M | P | |
| ----- | 87911-8001 | ----- | ----- | 80 | ----- | 1 | 101.60 | 99.06 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-8002 | ----- | ----- | 80 | ----- | 2 | 101.60 | 99.06 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-8003 | ----- | ----- | 80 | ----- | 3 | 101.60 | 99.06 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-8004 | ----- | ----- | 80 | ----- | 4 | 101.60 | 99.06 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-8005 | ----- | ----- | 80 | ----- | 5 | 101.60 | 99.06 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-8006 | ----- | ----- | 80 | ----- | 6 | 101.60 | 99.06 | 5.84 | 2.29 | 1.52 |
| ----- | 87911-8007 | ----- | ----- | 80 | ----- | 1 | 101.60 | 99.06 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-8008 | ----- | ----- | 80 | ----- | 2 | 101.60 | 99.06 | 8.13 | 2.79 | 2.61 |
| ----- | 87911-8009 | ----- | ----- | 80 | ----- | 3 | 101.60 | 99.06 | 8.13 | 2.79 | 2.61 |
| | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |
|---|--|-------|--|--|--|---------|--|---|--|-----------------|--|----------------|--|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | molex | | | | | | | |
| mm | | NTS | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: 635905 DRWN: ABABUPS 2020/04/14 CHK'D: MRAMAKRISHNA 2020/04/15 APPR: MRAMAKRISHNA 2020/04/15 | | | | CUSTOM HEADER 2.54MM DUAL ROW HEADER SINGLE WAFER, R/A | | | | | | | |
| | | | | | | | | | | | | | | | |
| 4 PLACES ± | | ± | | INITIAL REVISION: DRWN: KSEE 2004/11/30 APPR: SCLOW 2004/12/16 | | | | PRODUCT CUSTOMER DRAWING | | | | | | | |
| 3 PLACES ± | | ± | | | | | | | | | | | | | |
| 2 PLACES ± | | 0.2 ± | | DOCUMENT NUMBER | | | | SD-87911-015 | | | | | | | |
| 1 PLACE ± | | ± | | | | | | | | | | | | | |
| 0 PLACES ± | | ± | | DRAWING | | | | SERIES | | MATERIAL NUMBER | | CUSTOMER | | | |
| ANGULAR TOL ± | | 3.0° | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | |
| | | | | | | A3-SIZE | | 87911 | | SEE TABLE | | GENERAL MARKET | | 9 OF 9 | |



0.64 ±0.05
SQ TYP




NOTE:

1. MATERIAL:
HOUSING: - LCP, GLASS FILLED, UL94V-0
COLOR: BLACK
TERMINAL: - COPPER ALLOY, 0.64MM SQ
2. PLATING TYPE:
1) 15µin MIN. GOLD PLATE ON CONTACT AND
75µin MIN. TIN ON SOLDER TAIL OVER
50µin MIN. NICKEL OVERALL.
2) 30µin MIN. GOLD PLATE ON CONTACT AND
75µin MIN. TIN ON SOLDER TAIL OVER
50µin MIN. NICKEL OVERALL.
3) 100µin MIN. TIN OVERALL.
50µin MIN. NICKEL OVERALL.
3. THE ABOVE 14 CKT SHOWN IS FOR ILLUSTRATION ONLY..
4. PIN PUSHOUT FORCE: 1KG MIN. IN EITHER DIRECTION
5. PART TO BE PACKED IN TUBE.
6. \triangle IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
7. RECOMMENDED PCB THICKNESS = 1.60±0.10mm
8. PRODUCT SPECIFICATION: PS-87920-019
9. PACKAGING SPECIFICATION: PK-89990-519

| | | | | | | | |
|------------------------|---|--|----------------------------------|--|----------------|--------------|----------|
| FUNCTIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CURRENT REV DESC: MIGRATED TO NX | | molex | | |
| | EC NO: 635905 | DRWN: ABABUPS | 2020/04/14 | CUSTOM HEADER C-GRID DUAL ROW HEADER RIGHT ANGLE THROUGH HOLE | | | |
| | CHK'D: MRAMAKRISHNA | 2020/04/15 | PRODUCT CUSTOMER DRAWING | | | | |
| | APPR: MRAMAKRISHNA | 2020/04/15 | INITIAL REVISION: | | | | |
| DIVISIONAL SYMBOLS | DRWN: YLQIAO | 2005/01/17 | 2005/01/25 | DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
| 4 PLACES ± | 3 PLACES ± | 2 PLACES ± 0.2 | 1 PLACE ± | SD-87911-027 | PSD | 001 | B2 |
| 0 PLACES ± | ANGULAR TOL ± 3.0° | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER | |
| THIRD ANGLE PROJECTION | | DRAWING | SERIES | SEE TABLE | GENERAL MARKET | 1 OF 4 | |


| PART NO | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|------------|----------|---------------|--------------|-----------|-------|------|------|------|
| | | | | A | B | M | P | E |
| 87911-0411 | 4 | ---- | 1 | 5.08 | 2.54 | 6.10 | 3.18 | 2.27 |
| 87911-0412 | 4 | ---- | 2 | 5.08 | 2.54 | 6.10 | 3.18 | 2.27 |
| 87911-0413 | 4 | ---- | 3 | 5.08 | 2.54 | 6.10 | 3.18 | 2.27 |
| 87911-0611 | 6 | ---- | 1 | 7.62 | 5.08 | 6.10 | 3.18 | 2.27 |
| 87911-0612 | 6 | ---- | 2 | 7.62 | 5.08 | 6.10 | 3.18 | 2.27 |
| 87911-0613 | 6 | ---- | 3 | 7.62 | 5.08 | 6.10 | 3.18 | 2.27 |
| 87911-0811 | 8 | ---- | 1 | 10.16 | 7.62 | 6.10 | 3.18 | 2.27 |
| 87911-0812 | 8 | ---- | 2 | 10.16 | 7.62 | 6.10 | 3.18 | 2.27 |
| 87911-0813 | 8 | ---- | 3 | 10.16 | 7.62 | 6.10 | 3.18 | 2.27 |
| 87911-0800 | 8 | ---- | 1 | 10.16 | 10.16 | 6.10 | 3.18 | 2.27 |
| 87911-1011 | 10 | ---- | 1 | 12.7 | 10.16 | 6.10 | 3.18 | 2.27 |
| 87911-1012 | 10 | ---- | 2 | 12.7 | 10.16 | 6.10 | 3.18 | 2.27 |
| 87911-1013 | 10 | ---- | 3 | 12.7 | 10.16 | 6.10 | 3.18 | 2.27 |
| 87911-1211 | 12 | ---- | 1 | 15.24 | 12.70 | 6.10 | 3.18 | 2.27 |
| 87911-1212 | 12 | ---- | 2 | 15.24 | 12.70 | 6.10 | 3.18 | 2.27 |
| 87911-1213 | 12 | ---- | 3 | 15.24 | 12.70 | 6.10 | 3.18 | 2.27 |
| 87911-1411 | 14 | ---- | 1 | 17.78 | 15.24 | 6.10 | 3.18 | 2.27 |
| 87911-1412 | 14 | ---- | 2 | 17.78 | 15.24 | 6.10 | 3.18 | 2.27 |
| 87911-1413 | 14 | ---- | 3 | 17.78 | 15.24 | 6.10 | 3.18 | 2.27 |
| 87911-1611 | 16 | ---- | 1 | 20.32 | 17.78 | 6.10 | 3.18 | 2.27 |
| 87911-1612 | 16 | ---- | 2 | 20.32 | 17.78 | 6.10 | 3.18 | 2.27 |
| 87911-1613 | 16 | ---- | 3 | 20.32 | 17.78 | 6.10 | 3.18 | 2.27 |

| PART NO | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|------------|----------|---------------|--------------|-----------|-------|------|------|------|
| | | | | A | B | M | P | E |
| 87911-1811 | 18 | ---- | 1 | 22.86 | 20.32 | 6.10 | 3.18 | 2.27 |
| 87911-1812 | 18 | ---- | 2 | 22.86 | 20.32 | 6.10 | 3.18 | 2.27 |
| 87911-1813 | 18 | ---- | 3 | 22.86 | 20.32 | 6.10 | 3.18 | 2.27 |
| 87911-2011 | 20 | ---- | 1 | 25.40 | 22.86 | 6.10 | 3.18 | 2.27 |
| 87911-2012 | 20 | ---- | 2 | 25.40 | 22.86 | 6.10 | 3.18 | 2.27 |
| 87911-2013 | 20 | ---- | 3 | 25.40 | 22.86 | 6.10 | 3.18 | 2.27 |
| 87911-2211 | 22 | ---- | 1 | 27.94 | 25.40 | 6.10 | 3.18 | 2.27 |
| 87911-2212 | 22 | ---- | 2 | 27.94 | 25.40 | 6.10 | 3.18 | 2.27 |
| 87911-2213 | 22 | ---- | 3 | 27.94 | 25.40 | 6.10 | 3.18 | 2.27 |
| 87911-2411 | 24 | ---- | 1 | 30.48 | 27.94 | 6.10 | 3.18 | 2.27 |
| 87911-2412 | 24 | ---- | 2 | 30.48 | 27.94 | 6.10 | 3.18 | 2.27 |
| 87911-2413 | 24 | ---- | 3 | 30.48 | 27.94 | 6.10 | 3.18 | 2.27 |
| 87911-2611 | 26 | ---- | 1 | 33.02 | 30.48 | 6.10 | 3.18 | 2.27 |
| 87911-2612 | 26 | ---- | 2 | 33.02 | 30.48 | 6.10 | 3.18 | 2.27 |
| 87911-2613 | 26 | ---- | 3 | 33.02 | 30.48 | 6.10 | 3.18 | 2.27 |
| 87911-2811 | 28 | ---- | 1 | 35.56 | 33.02 | 6.10 | 3.18 | 2.27 |
| 87911-2812 | 28 | ---- | 2 | 35.56 | 33.02 | 6.10 | 3.18 | 2.27 |
| 87911-2813 | 28 | ---- | 3 | 35.56 | 33.02 | 6.10 | 3.18 | 2.27 |
| 87911-3011 | 30 | ---- | 1 | 38.10 | 35.56 | 6.10 | 3.18 | 2.27 |
| 87911-3012 | 30 | ---- | 2 | 38.10 | 35.56 | 6.10 | 3.18 | 2.27 |
| 87911-3013 | 30 | ---- | 3 | 38.10 | 35.56 | 6.10 | 3.18 | 2.27 |

| FUNCTIONAL SYMBOLS | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CURRENT REV DESC: MIGRATED TO NX | |  <p>CUSTOM HEADER C-GRID DUAL ROW HEADER RIGHT ANGLE THROUGH HOLE</p> | | | | | | | | | | | | | | | | | | | |
|--|-------|---|--|--|--|--|----------|---|---|----------|---|---|----------|-------|---|---------|---|---|----------|---|---|--|--|--------------------------|--|
| $\nabla_A = 0$ $\nabla_F = 0$ $\nabla_P = 0$ | | DIMENSION UNITS: mm SCALE: 1:1 | | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | | | | | | | | | | |
| DIVISIONAL SYMBOLS | | <table border="1"> <tr><th colspan="2">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>± 0.2</td><td>±</td></tr> <tr><td>1 PLACE</td><td>±</td><td>±</td></tr> <tr><td>0 PLACES</td><td>±</td><td>±</td></tr> </table> | | MM | | INCH | 4 PLACES | ± | ± | 3 PLACES | ± | ± | 2 PLACES | ± 0.2 | ± | 1 PLACE | ± | ± | 0 PLACES | ± | ± | EC NO: 635905 DRWN: ABABUPS 2020/04/14 CHK'D: MRAMAKRISHNA 2020/04/15 APPR: MRAMAKRISHNA 2020/04/15 | | PRODUCT CUSTOMER DRAWING | |
| MM | | INCH | | | | | | | | | | | | | | | | | | | | | | | |
| 4 PLACES | ± | ± | | | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± | ± | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.2 | ± | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACES | ± | ± | | | | | | | | | | | | | | | | | | | | | | | |
| | | INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SLOW 2005/01/25 | | DOCUMENT NUMBER: SD-87911-027 DOC TYPE: PSD DOC PART: 001 REVISION: B2 | | | | | | | | | | | | | | | | | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING: A3-SIZE SERIES: 87911 MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 2 OF 4 | | | | | | | | | | | | | | | | | | | |

| PART NO | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|------------|----------|---------------|--------------|-----------|-------|------|------|------|
| | | | | A | B | C | D | E |
| 87911-3211 | 32 | — | 1 | 40.64 | 38.10 | 6.10 | 3.18 | 2.27 |
| 87911-3212 | 32 | — | 2 | 40.64 | 38.10 | 6.10 | 3.18 | 2.27 |
| 87911-3213 | 32 | — | 3 | 40.64 | 38.10 | 6.10 | 3.18 | 2.27 |
| 87911-3411 | 34 | — | 1 | 43.18 | 40.64 | 6.10 | 3.18 | 2.27 |
| 87911-3412 | 34 | — | 2 | 43.18 | 40.64 | 6.10 | 3.18 | 2.27 |
| 87911-3413 | 34 | — | 3 | 43.18 | 40.64 | 6.10 | 3.18 | 2.27 |
| 87911-3611 | 36 | — | 1 | 45.72 | 43.18 | 6.10 | 3.18 | 2.27 |
| 87911-3612 | 36 | — | 2 | 45.72 | 43.18 | 6.10 | 3.18 | 2.27 |
| 87911-3613 | 36 | — | 3 | 45.72 | 43.18 | 6.10 | 3.18 | 2.27 |
| 87911-3811 | 38 | — | 1 | 48.26 | 45.72 | 6.10 | 3.18 | 2.27 |
| 87911-3812 | 38 | — | 2 | 48.26 | 45.72 | 6.10 | 3.18 | 2.27 |
| 87911-3813 | 38 | — | 3 | 48.26 | 45.72 | 6.10 | 3.18 | 2.27 |
| 87911-4011 | 40 | — | 1 | 50.80 | 48.26 | 6.10 | 3.18 | 2.27 |
| 87911-4012 | 40 | — | 2 | 50.80 | 48.26 | 6.10 | 3.18 | 2.27 |
| 87911-4013 | 40 | — | 3 | 50.80 | 48.26 | 6.10 | 3.18 | 2.27 |
| 87911-4211 | 42 | — | 1 | 53.34 | 50.80 | 6.10 | 3.18 | 2.27 |
| 87911-4212 | 42 | — | 2 | 53.34 | 50.80 | 6.10 | 3.18 | 2.27 |
| 87911-4213 | 42 | — | 3 | 53.34 | 50.80 | 6.10 | 3.18 | 2.27 |
| 87911-4411 | 44 | — | 1 | 55.88 | 53.34 | 6.10 | 3.18 | 2.27 |
| 87911-4412 | 44 | — | 2 | 55.88 | 53.34 | 6.10 | 3.18 | 2.27 |
| 87911-4413 | 44 | — | 3 | 55.88 | 53.34 | 6.10 | 3.18 | 2.27 |

| PART NO | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|------------|----------|---------------|--------------|-----------|-------|------|------|------|
| | | | | A | B | M | P | E |
| 87911-4611 | 46 | — | 1 | 58.42 | 55.88 | 6.10 | 3.18 | 2.27 |
| 87911-4612 | 46 | — | 2 | 58.42 | 55.88 | 6.10 | 3.18 | 2.27 |
| 87911-4613 | 46 | — | 3 | 58.42 | 55.88 | 6.10 | 3.18 | 2.27 |
| 87911-4811 | 48 | — | 1 | 60.96 | 58.42 | 6.10 | 3.18 | 2.27 |
| 87911-4812 | 48 | — | 2 | 60.96 | 58.42 | 6.10 | 3.18 | 2.27 |
| 87911-4813 | 48 | — | 3 | 60.96 | 58.42 | 6.10 | 3.18 | 2.27 |
| 87911-5011 | 50 | — | 1 | 63.50 | 60.96 | 6.10 | 3.18 | 2.27 |
| 87911-5012 | 50 | — | 2 | 63.50 | 60.96 | 6.10 | 3.18 | 2.27 |
| 87911-5013 | 50 | — | 3 | 63.50 | 60.96 | 6.10 | 3.18 | 2.27 |
| 87911-5211 | 52 | — | 1 | 66.04 | 63.50 | 6.10 | 3.18 | 2.27 |
| 87911-5212 | 52 | — | 2 | 66.04 | 63.50 | 6.10 | 3.18 | 2.27 |
| 87911-5213 | 52 | — | 3 | 66.04 | 63.50 | 6.10 | 3.18 | 2.27 |
| 87911-5411 | 54 | — | 1 | 68.58 | 66.04 | 6.10 | 3.18 | 2.27 |
| 87911-5412 | 54 | — | 2 | 68.58 | 66.04 | 6.10 | 3.18 | 2.27 |
| 87911-5413 | 54 | — | 3 | 68.58 | 66.04 | 6.10 | 3.18 | 2.27 |
| 87911-5611 | 56 | — | 1 | 71.12 | 68.58 | 6.10 | 3.18 | 2.27 |
| 87911-5612 | 56 | — | 2 | 71.12 | 68.58 | 6.10 | 3.18 | 2.27 |
| 87911-5613 | 56 | — | 3 | 71.12 | 68.58 | 6.10 | 3.18 | 2.27 |
| 87911-5811 | 58 | — | 1 | 73.66 | 71.12 | 6.10 | 3.18 | 2.27 |
| 87911-5812 | 58 | — | 2 | 73.66 | 71.12 | 6.10 | 3.18 | 2.27 |
| 87911-5813 | 58 | — | 3 | 73.66 | 71.12 | 6.10 | 3.18 | 2.27 |

| FUNCTIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CURRENT REV DESC: MIGRATED TO NX | |  <p>CUSTOM HEADER C-GRID DUAL ROW HEADER RIGHT ANGLE THROUGH HOLE</p> | | | | | | | | | | | | | | | | | | | | |
|---|---|--|---------------------------------------|--|--|----------|---|---|----------|---|---|----------|-------|---|---------|---|---|----------|---|---|--|--|--------------------------|--|--|
| | $\nabla_A = 0$ $\nabla_F = 0$ $\nabla_P = 0$ | DIMENSION UNITS: mm SCALE: 1:1 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | | | | | | | | | | | |
| DIVISIONAL SYMBOLS | <table border="1"> <tr><th colspan="2">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>± 0.2</td><td>±</td></tr> <tr><td>1 PLACE</td><td>±</td><td>±</td></tr> <tr><td>0 PLACES</td><td>±</td><td>±</td></tr> </table> | | MM | | INCH | 4 PLACES | ± | ± | 3 PLACES | ± | ± | 2 PLACES | ± 0.2 | ± | 1 PLACE | ± | ± | 0 PLACES | ± | ± | EC NO: 635905 DRWN: ABABUPS 2020/04/14 CHK'D: MRAMAKRISHNA 2020/04/15 APPR: MRAMAKRISHNA 2020/04/15 | | PRODUCT CUSTOMER DRAWING | | |
| | MM | | INCH | | | | | | | | | | | | | | | | | | | | | | |
| 4 PLACES | ± | ± | | | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± | ± | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.2 | ± | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACES | ± | ± | | | | | | | | | | | | | | | | | | | | | | | |
| INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SLOW 2005/01/25 | | DOCUMENT NUMBER: SD-87911-027 DOC TYPE: PSD DOC PART: 001 REVISION: B2 | | MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 3 OF 4 | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING: A3-SIZE SERIES: 87911 | | | | | | | | | | | | | | | | | | | | | |

| PART NO | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|------------|----------|---------------|--------------|-----------|-------|------|------|------|
| | | | | A | B | M | P | E |
| 87911-6011 | 60 | — | 1 | 76.20 | 73.66 | 6.10 | 3.18 | 2.27 |
| 87911-6012 | 60 | — | 2 | 76.20 | 73.66 | 6.10 | 3.18 | 2.27 |
| 87911-6013 | 60 | — | 3 | 76.20 | 73.66 | 6.10 | 3.18 | 2.27 |
| 87911-6211 | 62 | — | 1 | 78.74 | 76.20 | 6.10 | 3.18 | 2.27 |
| 87911-6212 | 62 | — | 2 | 78.74 | 76.20 | 6.10 | 3.18 | 2.27 |
| 87911-6213 | 62 | — | 3 | 78.74 | 76.20 | 6.10 | 3.18 | 2.27 |
| 87911-6411 | 64 | — | 1 | 81.28 | 78.74 | 6.10 | 3.18 | 2.27 |
| 87911-6412 | 64 | — | 2 | 81.28 | 78.74 | 6.10 | 3.18 | 2.27 |
| 87911-6413 | 64 | — | 3 | 81.28 | 78.74 | 6.10 | 3.18 | 2.27 |
| 87911-6611 | 66 | — | 1 | 83.82 | 81.28 | 6.10 | 3.18 | 2.27 |
| 87911-6612 | 66 | — | 2 | 83.82 | 81.28 | 6.10 | 3.18 | 2.27 |
| 87911-6613 | 66 | — | 3 | 83.82 | 81.28 | 6.10 | 3.18 | 2.27 |
| 87911-6811 | 68 | — | 1 | 86.36 | 83.82 | 6.10 | 3.18 | 2.27 |
| 87911-6812 | 68 | — | 2 | 86.36 | 83.82 | 6.10 | 3.18 | 2.27 |
| 87911-6813 | 68 | — | 3 | 86.36 | 83.82 | 6.10 | 3.18 | 2.27 |
| 87911-7011 | 70 | — | 1 | 88.90 | 86.36 | 6.10 | 3.18 | 2.27 |
| 87911-7012 | 70 | — | 2 | 88.90 | 86.36 | 6.10 | 3.18 | 2.27 |
| 87911-7013 | 70 | — | 3 | 88.90 | 86.36 | 6.10 | 3.18 | 2.27 |
| 87911-7211 | 72 | — | 1 | 91.44 | 88.90 | 6.10 | 3.18 | 2.27 |
| 87911-7212 | 72 | — | 2 | 91.44 | 88.90 | 6.10 | 3.18 | 2.27 |
| 87911-7213 | 72 | — | 3 | 91.44 | 88.90 | 6.10 | 3.18 | 2.27 |

| PART NO | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|------------|----------|---------------|--------------|-----------|-------|------|------|------|
| | | | | A | B | M | P | E |
| 87911-7411 | 74 | — | 1 | 93.98 | 91.44 | 6.10 | 3.18 | 2.27 |
| 87911-7412 | 74 | — | 2 | 93.98 | 91.44 | 6.10 | 3.18 | 2.27 |
| 87911-7413 | 74 | — | 3 | 93.98 | 91.44 | 6.10 | 3.18 | 2.27 |
| 87911-7611 | 76 | — | 1 | 96.52 | 93.98 | 6.10 | 3.18 | 2.27 |
| 87911-7612 | 76 | — | 2 | 96.52 | 93.98 | 6.10 | 3.18 | 2.27 |
| 87911-7613 | 76 | — | 3 | 96.52 | 93.98 | 6.10 | 3.18 | 2.27 |
| 87911-7811 | 78 | — | 1 | 99.06 | 96.52 | 6.10 | 3.18 | 2.27 |
| 87911-7812 | 78 | — | 2 | 99.06 | 96.52 | 6.10 | 3.18 | 2.27 |
| 87911-7813 | 78 | — | 3 | 99.06 | 96.52 | 6.10 | 3.18 | 2.27 |
| 87911-8011 | 80 | — | 1 | 101.60 | 99.06 | 6.10 | 3.18 | 2.27 |
| 87911-8012 | 80 | — | 2 | 101.60 | 99.06 | 6.10 | 3.18 | 2.27 |
| 87911-8013 | 80 | — | 3 | 101.60 | 99.06 | 6.10 | 3.18 | 2.27 |

| | | | | | | | | | |
|---|---------------------------------------|--------|--|---------|------------|-----------------|----------------|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |
| FUNCTIONAL SYMBOLS | DIMENSION UNITS | SCALE | CURRENT REV DESC: MIGRATED TO NX | | | | | | |
| $\nabla_A = 0$ | mm | 1:1 | molex CUSTOM HEADER C-GRID DUAL ROW HEADER RIGHT ANGLE THROUGH HOLE PRODUCT CUSTOMER DRAWING | | | | | | |
| $\nabla_F = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | |
| $\nabla_P = 0$ | MM | INCH | | | | | | | |
| DIVISIONAL SYMBOLS | 4 PLACES | ± | | | | | | | |
| | 3 PLACES | ± | ± | | | | | | |
| | 2 PLACES | ± 0.2 | ± | | | | | | |
| | 1 PLACE | ± | ± | | | | | | |
| | 0 PLACES | ± | ± | | | | | | |
| | ANGULAR TOL | ± 3.0° | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER | |
| | | | | A3-SIZE | 87911 | SEE TABLE | GENERAL MARKET | 4 OF 4 | |
| EC NO: 635905 | | | 2020/04/14 | | 2020/04/15 | | 2020/04/15 | | |
| DRWN: ABABUPS | | | 2020/04/15 | | 2020/04/15 | | 2020/04/15 | | |
| CHK'D: MRAMAKRISHNA | | | 2020/04/15 | | 2020/04/15 | | 2020/04/15 | | |
| APPR: MRAMAKRISHNA | | | 2020/04/15 | | 2020/04/15 | | 2020/04/15 | | |
| INITIAL REVISION: | | | 2005/01/17 | | 2005/01/25 | | 2005/01/25 | | |
| DRWN: YLQIAO | | | 2005/01/17 | | 2005/01/25 | | 2005/01/25 | | |
| APPR: SLOW | | | 2005/01/17 | | 2005/01/25 | | 2005/01/25 | | |
| DOCUMENT NUMBER | | | SD-87911-027 | | PSD | | 001 B2 | | |