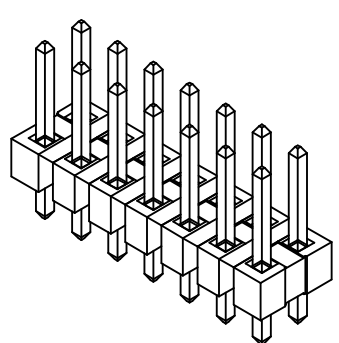
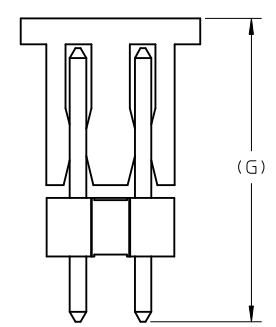
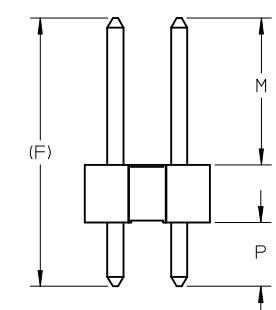
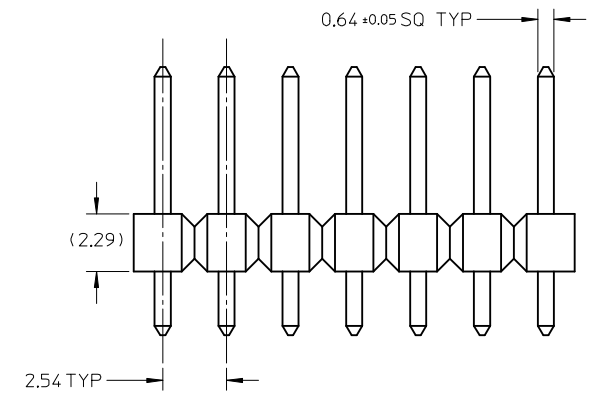


RECOMMENDED P.C.B HOLE LAYOUT



- NOTES:
- MATERIAL:
 - HSG: LCP, GLASS-FILLED, UL94V-0, COLOR: BLACK
 - PIN: 0.64MM SQ PIN, COPPER ALLOY
 - PLATING TYPE:
 - 0.0254 μ m GOLD FLASH OVER
1.25 μ m MIN. NICKEL OVERALL.
 - 0.025 μ m MIN. GOLD PLATE ON CONTACT AND
1.88 μ m MIN. TIN ON SOLDERTAIL OVER
1.25 μ m MIN. NICKEL OVERALL.
 - 0.25 μ m MIN. GOLD PLATE ON CONTACT AND
1.88 μ m MIN. TIN ON SOLDERTAIL OVER
1.25 μ m MIN. NICKEL OVERALL.
 - 0.38 μ m MIN. GOLD PLATE ON CONTACT AND
1.88 μ m MIN. TIN ON SOLDERTAIL OVER
1.25 μ m MIN. NICKEL OVERALL.
 - 0.75 μ m MIN. GOLD PLATE ON CONTACT AND
1.88 μ m MIN. TIN ON SOLDERTAIL OVER
1.25 μ m MIN. NICKEL OVERALL.
 - 2.50 μ m MIN. TIN OVER 1.25 μ m MIN. NICKEL OVERALL.
 - 0.38 μ m MIN. GOLD PLATE ON CONTACT AND
2.50 μ m MIN. TIN ON SOLDERTAIL OVER
1.25 μ m MIN. NICKEL OVERALL.
 - 0.38 μ m MIN. GOLD PLATE ON CONTACT AND
0.05 μ m MIN. GOLD FLASH ON SOLDERTAIL OVER
1.25 μ m MIN. NICKEL OVERALL.
 - 0.05 - 0.25 μ m MIN. GOLD FLASH OVER
1.25 μ m MIN. NICKEL OVERALL.
 - PIN PUSHOUT FORCE: 1KG MIN IN EITHER DIRECTION
 - THE ABOVE 14 CKT IS FOR ILLUSTRATION PURPOSE ONLY.
 - FOR PACKAGING OPTION PLEASE REFER TO THE TABLE.
 - RECOMMENDED PCB THICKNESS 1.60MM.
 - PRODUCT SPECIFICATION: PS-87920-019
 - WAFER TO BE FLAT WITHIN 0.003mm/mm
 - IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE.
 - PARTS ARE NOT STACKABLE ON 2.54 CENTER
 - CAP TO BE PLACED AS CENTRAL OF PART AS POSSIBLE WITH THE TOP SURFACE FLAT FOR PICK AND PLACE.
 - PACKAGING SPECIFICATION:
 - TRAY: PK-89990-489
 - BULK: PK-89990-491

REVISION OF DRAWING MAY BE CHANGED DURING FINAL RELEASED FOR PRODUCTION.

| | | | | | | | | | | |
|---|---|---------------------------------------|--------------|----------------------------|---|--------------------|--|--|--|--|
| SEE SHEET 14 EC NO: S2015-1512 DRW: MIRAMAKRI SHINA 2015/06/25 CHK: DAT SEE 2015/06/25 APPR: KPRASAD 2015/07/15 | QUALITY SYMBOLS $\nabla_{F_A} = 0$ $\nabla_{F_G} = 0$ $\nabla_{F_P} = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | |
| | | | | mm | INCH | TITLE | | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | |
| | | 4 PLACES | ± --- | ± --- | DRAWN BY KCHO | DATE 2004/11/05 | molex SD-87914-013 SHEET NO. 1 OF 45 | | | |
| | | 3 PLACES | ± --- | ± --- | CHECKED BY PTLIM | DATE 2004/12/08 | | | | |
| 2 PLACES | ± 0.20 | ± --- | APPROVED BY | DATE | | | | | | |
| 1 PLACE | ± --- | ± --- | MLONG | 2010/09/06 | | | | | | |
| 0 PLACE | ± | ± | MATERIAL NO. | | DOCUMENT NO. | | | | | |
| ANGULAR ± 3° | | | SEE TABLE | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | SIZE A3 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | |

| | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | |
|---|-----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|------|-------|------|------|
| | PART NO. FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
| | | | | | | | | A | B | F | M | P | |
| F | 87914-0211 | ----- | ----- | ----- | ----- | 2 | ---- | 1 | 2.54 | ---- | 10.92 | 5.84 | 2.79 |
| | 87914-0221 | ----- | ----- | ----- | ----- | 2 | ---- | 1 | 2.54 | ---- | 12.25 | 7.00 | 2.96 |
| | 87914-0231 | ----- | ----- | ----- | ----- | 2 | ---- | 1 | 2.54 | ---- | 13.38 | 6.09 | 5.00 |
| | 87914-0212 | ----- | ----- | ----- | ----- | 2 | ---- | 2 | 2.54 | ---- | 10.92 | 5.84 | 2.79 |
| | 87914-0222 | ----- | ----- | ----- | ----- | 2 | ---- | 2 | 2.54 | ---- | 12.25 | 7.00 | 2.96 |
| | 87914-0232 | ----- | ----- | ----- | ----- | 2 | ---- | 2 | 2.54 | ---- | 13.38 | 6.09 | 5.00 |
| E | 87914-0213 | ----- | ----- | ----- | ----- | 2 | ---- | 3 | 2.54 | ---- | 10.92 | 5.84 | 2.79 |
| | 87914-0223 | ----- | ----- | ----- | ----- | 2 | ---- | 3 | 2.54 | ---- | 12.25 | 7.00 | 2.96 |
| | 87914-0233 | ----- | ----- | ----- | ----- | 2 | ---- | 3 | 2.54 | ---- | 13.38 | 6.09 | 5.00 |
| | 87914-0214 | ----- | ----- | ----- | ----- | 2 | ---- | 4 | 2.54 | ---- | 10.92 | 5.84 | 2.79 |
| | 87914-0224 | ----- | ----- | ----- | ----- | 2 | ---- | 4 | 2.54 | ---- | 12.25 | 7.00 | 2.96 |
| | 87914-0234 | ----- | ----- | ----- | ----- | 2 | ---- | 4 | 2.54 | ---- | 13.38 | 6.09 | 5.00 |
| D | 87914-0215 | ----- | ----- | ----- | ----- | 2 | ---- | 5 | 2.54 | ---- | 10.92 | 5.84 | 2.79 |
| | 87914-0225 | ----- | ----- | ----- | ----- | 2 | ---- | 5 | 2.54 | ---- | 12.25 | 7.00 | 2.96 |
| | 87914-0235 | ----- | ----- | ----- | ----- | 2 | ---- | 5 | 2.54 | ---- | 13.38 | 6.09 | 5.00 |
| | 87914-0216 | ----- | ----- | ----- | ----- | 2 | ---- | 6 | 2.54 | ---- | 10.92 | 5.84 | 2.79 |
| | 87914-0226 | ----- | ----- | ----- | ----- | 2 | ---- | 6 | 2.54 | ---- | 12.25 | 7.00 | 2.96 |
| | 87914-0236 | ----- | ----- | ----- | ----- | 2 | ---- | 6 | 2.54 | ---- | 13.38 | 6.09 | 5.00 |
| C | | | | | | | | | | | | | |
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| B | | | | | | | | | | | | | |

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|--|--|--|--------|---|---------------------|--------------------|---|------------------------|
| SEE SHEET 14 IEC NO: S2015-1512 DRW:MPRAKRI SHINA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 | QUALITY SYMBOLS ▽ _F =0 ▽ _F =0 ▽ _F =0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | 4 PLACES | ± --- | ± --- | DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H molex | |
| | | 3 PLACES | ± --- | ± --- | CHECKED BY PTLIM | DATE 2004/12/08 | | |
| | | 2 PLACES | ± 0.20 | ± --- | APPROVED BY | DATE | | |
| 1 PLACE | ± --- | ± --- | MLONG | 2010/09/06 | | | | |
| | | 0 PLACE | ± | ± | MATERIAL NO. | DOCUMENT NO. | | |
| | | ANGULAR ± 3 ° | | SEE TABLE | | SD-87914-013 | | SHEET NO. 2 OF 45 |
| | | 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 | | | | |

| F | 10 | | 9 | | 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | |
|---|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|------|-------|------|------|--|---|--|---|--|---|--|
| | PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | | | | | | | |
| | | | | | | | | | A | B | F | M | P | | | | | | | |
| | 87914-0411 | ----- | ----- | ----- | ----- | 4 | ---- | 1 | 5.08 | 2.54 | 10.92 | 5.84 | 2.79 | | | | | | | |
| | 87914-0421 | ----- | ----- | ----- | ----- | 4 | ---- | 1 | 5.08 | 2.54 | 12.25 | 7.00 | 2.96 | | | | | | | |
| | 87914-0431 | ----- | ----- | ----- | ----- | 4 | ---- | 1 | 5.08 | 2.54 | 13.38 | 6.09 | 5.00 | | | | | | | |
| | 87914-0412 | ----- | ----- | ----- | ----- | 4 | ---- | 2 | 5.08 | 2.54 | 10.92 | 5.84 | 2.79 | | | | | | | |
| | 87914-0422 | ----- | ----- | ----- | ----- | 4 | ---- | 2 | 5.08 | 2.54 | 12.25 | 7.00 | 2.96 | | | | | | | |
| | 87914-0432 | ----- | ----- | ----- | ----- | 4 | ---- | 2 | 5.08 | 2.54 | 13.38 | 6.09 | 5.00 | | | | | | | |
| E | 87914-0413 | ----- | ----- | ----- | ----- | 4 | ---- | 3 | 5.08 | 2.54 | 10.92 | 5.84 | 2.79 | | | | | | | |
| | 87914-0423 | ----- | ----- | ----- | ----- | 4 | ---- | 3 | 5.08 | 2.54 | 12.25 | 7.00 | 2.96 | | | | | | | |
| | 87914-0433 | ----- | ----- | ----- | ----- | 4 | ---- | 3 | 5.08 | 2.54 | 13.38 | 6.09 | 5.00 | | | | | | | |
| | 87914-0414 | ----- | ----- | ----- | ----- | 4 | ---- | 4 | 5.08 | 2.54 | 10.92 | 5.84 | 2.79 | | | | | | | |
| | 87914-0424 | ----- | ----- | ----- | ----- | 4 | ---- | 4 | 5.08 | 2.54 | 12.25 | 7.00 | 2.96 | | | | | | | |
| | 87914-0434 | ----- | ----- | ----- | ----- | 4 | ---- | 4 | 5.08 | 2.54 | 13.38 | 6.09 | 5.00 | | | | | | | |
| D | 87914-0415 | ----- | ----- | ----- | ----- | 4 | ---- | 5 | 5.08 | 2.54 | 10.92 | 5.84 | 2.79 | | | | | | | |
| | 87914-0425 | ----- | ----- | ----- | ----- | 4 | ---- | 5 | 5.08 | 2.54 | 12.25 | 7.00 | 2.96 | | | | | | | |
| | 87914-0435 | ----- | ----- | ----- | ----- | 4 | ---- | 5 | 5.08 | 2.54 | 13.38 | 6.09 | 5.00 | | | | | | | |
| | 87914-0416 | ----- | ----- | ----- | ----- | 4 | ---- | 6 | 5.08 | 2.54 | 10.92 | 5.84 | 2.79 | | | | | | | |
| | 87914-0426 | ----- | ----- | ----- | ----- | 4 | ---- | 6 | 5.08 | 2.54 | 12.25 | 7.00 | 2.96 | | | | | | | |
| | 87914-0436 | ----- | ----- | ----- | ----- | 4 | ---- | 6 | 5.08 | 2.54 | 13.38 | 6.09 | 5.00 | | | | | | | |
| C | | | | | | | | | | | | | | | | | | | | |
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| B | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | |

| SEE SHEET 14 EC NO: S2015-1512 DRWN:IRAMAKRISHNA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|-----------------|--------------|--------------|---------------------------------------|-------|----------|----------|-------|----------|----------|--------|---------|---------|-------|---------|---------|---|--|----------|------|--------|------------|------------|------|-------|------------|-------------|------|-------|------------|-------|--|--|
| | $F_{\Delta} = 0$ $F_{\sigma} = 0$ $F_{\rho} = 0$ | <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>± 0.20</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> <tr><td>0 PLACE</td><td>±</td><td>±</td></tr> </table> | mm | | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.20 | ± --- | 1 PLACE | ± --- | ± --- | 0 PLACE | ± | ± | MM ONLY | NTS | METRIC | | | | | | | | | | | | |
| | mm | | INCH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.20 | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DESCRIPTION | <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>± 0.20</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> <tr><td>0 PLACE</td><td>±</td><td>±</td></tr> </table> | mm | | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.20 | ± --- | 1 PLACE | ± --- | ± --- | 0 PLACE | ± | ± | <table border="1"> <tr><th>DRAWN BY</th><th>DATE</th></tr> <tr><td>KCHO</td><td>2004/11/05</td></tr> <tr><th>CHECKED BY</th><th>DATE</th></tr> <tr><td>PTLIM</td><td>2004/12/08</td></tr> <tr><th>APPROVED BY</th><th>DATE</th></tr> <tr><td>MLONG</td><td>2010/09/06</td></tr> </table> | DRAWN BY | DATE | KCHO | 2004/11/05 | CHECKED BY | DATE | PTLIM | 2004/12/08 | APPROVED BY | DATE | MLONG | 2010/09/06 | TITLE | | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H |
| mm | | INCH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.20 | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KCHO | 2004/11/05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHECKED BY | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTLIM | 2004/12/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APPROVED BY | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MLONG | 2010/09/06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D15 | ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE TABLE | MATERIAL NO. | DOCUMENT NO. | | SD-87914-013 SHEET NO. 3 OF 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | | |
|---|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|------|-------|------|------|------|
| | PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | |
| | | | | | | | | A | B | F | M | P | G | |
| F | 87914-0611 | ----- | ----- | ----- | ----- | 6 | ---- | 1 | 7.62 | 5.08 | 10.92 | 5.84 | 2.79 | ---- |
| | 87914-0621 | ----- | ----- | ----- | ----- | 6 | ---- | 1 | 7.62 | 5.08 | 12.25 | 7.00 | 2.96 | ---- |
| | 87914-0631 | ----- | ----- | ----- | ----- | 6 | ---- | 1 | 7.62 | 5.08 | 13.38 | 6.09 | 5.00 | ---- |
| | 87914-0612 | ----- | ----- | ----- | ----- | 6 | ---- | 2 | 7.62 | 5.08 | 10.92 | 5.84 | 2.79 | ---- |
| | 87914-0622 | ----- | ----- | ----- | ----- | 6 | ---- | 2 | 7.62 | 5.08 | 12.25 | 7.00 | 2.96 | ---- |
| | 87914-0632 | ----- | ----- | ----- | ----- | 6 | ---- | 2 | 7.62 | 5.08 | 13.38 | 6.09 | 5.00 | ---- |
| E | 87914-0613 | ----- | ----- | ----- | ----- | 6 | ---- | 3 | 7.62 | 5.08 | 10.92 | 5.84 | 2.79 | ---- |
| | 87914-0623 | ----- | ----- | ----- | ----- | 6 | ---- | 3 | 7.62 | 5.08 | 12.25 | 7.00 | 2.96 | ---- |
| | 87914-0633 | ----- | ----- | ----- | ----- | 6 | ---- | 3 | 7.62 | 5.08 | 13.38 | 6.09 | 5.00 | ---- |
| | 87914-0614 | ----- | ----- | ----- | ----- | 6 | ---- | 4 | 7.62 | 5.08 | 10.92 | 5.84 | 2.79 | ---- |
| | 87914-0624 | ----- | ----- | ----- | ----- | 6 | ---- | 4 | 7.62 | 5.08 | 12.25 | 7.00 | 2.96 | ---- |
| | 87914-0634 | ----- | ----- | ----- | ----- | 6 | ---- | 4 | 7.62 | 5.08 | 13.38 | 6.09 | 5.00 | ---- |
| D | 87914-0615 | ----- | ----- | ----- | ----- | 6 | ---- | 5 | 7.62 | 5.08 | 10.92 | 5.84 | 2.79 | ---- |
| | 87914-0625 | ----- | ----- | ----- | ----- | 6 | ---- | 5 | 7.62 | 5.08 | 12.25 | 7.00 | 2.96 | ---- |
| | 87914-0635 | ----- | ----- | ----- | ----- | 6 | ---- | 5 | 7.62 | 5.08 | 13.38 | 6.09 | 5.00 | ---- |
| | 87914-0616 | ----- | ----- | ----- | ----- | 6 | ---- | 6 | 7.62 | 5.08 | 10.92 | 5.84 | 2.79 | ---- |
| | 87914-0626 | ----- | ----- | ----- | ----- | 6 | ---- | 6 | 7.62 | 5.08 | 12.25 | 7.00 | 2.96 | ---- |
| | 87914-0636 | ----- | ----- | ----- | ----- | 6 | ---- | 6 | 7.62 | 5.08 | 13.38 | 6.09 | 5.00 | ---- |
| C | | | | | | | | | | | | | | |

| | | | | | | |
|---|-----------------|--|-----------------|---|--|------------------------|
| SEE SHEET 14 EC NO: S2015-1512 DRW: MRAKRI/SHINA 2015/06/25 CHKD: ATSEE 2015/06/25 APPR: KPRASAD 2015/07/15 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | $\nabla = 0$ | 4 PLACES | MM ONLY | NTS | METRIC | |
| | $\nabla = 0$ | 3 PLACES | mm INCH | | | |
| | $\nabla = 0$ | 2 PLACES | | | | |
| | 1 PLACE | ± 0.20 | DRAWN BY | DATE | TITLE | |
| | 0 PLACE | ± | KCHO | 2004/11/05 | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | |
| | | ANGULAR ± 3° | CHECKED BY | DATE | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | PTL IM | 2004/12/08 | | |
| | | | APPROVED BY | DATE | | |
| | | | MLONG | 2010/09/06 | | |
| | | | MATERIAL NO. | DOCUMENT NO. | | |
| | | | SEE TABLE | SD-87914-013 | | |
| | | | SIZE A3 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |
| | | | | | SHEET NO. 4 OF 45 | |

| PART NO. FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|-----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|------------|-------|-------|-------|-------|
| | | | | | | | | A | B | F | M | P |
| | | | | | | | | 87914-0009 | ----- | ----- | ----- | ----- |
| 87914-0642 | ----- | ----- | ----- | ----- | 6 | ---- | 2 | 7.62 | 5.08 | 18.84 | 13.25 | 3.30 |
| 87914-0643 | ----- | ----- | ----- | ----- | 6 | ---- | 3 | 7.62 | 5.08 | 18.84 | 13.25 | 3.30 |
| 87914-0644 | ----- | ----- | ----- | ----- | 6 | ---- | 4 | 7.62 | 5.08 | 18.84 | 13.25 | 3.30 |
| 87914-0645 | ----- | ----- | ----- | ----- | 6 | ---- | 5 | 7.62 | 5.08 | 18.84 | 13.25 | 3.30 |
| 87914-0646 | ----- | ----- | ----- | ----- | 6 | ---- | 6 | 7.62 | 5.08 | 18.84 | 13.25 | 3.30 |
| | | | | | | | | | | | | |
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|--|--|---|---|--|--------------|------------------------|
| SEE SHEET 14 EC NO: S2015-1512 DRW: RAMAKRISHNA 2015/06/25 CHK: ATSEE 2015/06/25 APPR: KRASAD 2015/07/15 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | $\nabla_A=0$ $\nabla_C=0$ $\nabla_P=0$ | mm INCH | MM ONLY | NTS | METRIC | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- 0 PLACE ± ± | DRAWN BY: KCHO DATE: 2004/11/05 CHECKED BY: DATE: PTLIM 2004/12/08 APPROVED BY: DATE: MLONG 2010/09/06 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | |
| | | ANGULAR ± 3 ° | MATERIAL NO. | DOCUMENT NO. | | SHEET NO. |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE TABLE | SD-87914-013 | | 5 OF 45 |

molex

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | | |
|---|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|------|-------|-------|------|------|
| | PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | |
| | | | | | | | | A | B | F | M | P | G | |
| F | 87914-0811 | ----- | ----- | ----- | ----- | 8 | ----- | 1 | 10.16 | 7.62 | 10.92 | 5.84 | 2.79 | ---- |
| | 87914-0821 | ----- | ----- | ----- | ----- | 8 | ----- | 1 | 10.16 | 7.62 | 12.25 | 7.00 | 2.96 | ---- |
| | 87914-0831 | ----- | ----- | ----- | ----- | 8 | ----- | 1 | 10.16 | 7.62 | 13.38 | 6.09 | 5.00 | ---- |
| | 87914-0812 | ----- | ----- | ----- | ----- | 8 | ----- | 2 | 10.16 | 7.62 | 10.92 | 5.84 | 2.79 | ---- |
| | 87914-0822 | ----- | ----- | ----- | ----- | 8 | ----- | 2 | 10.16 | 7.62 | 12.25 | 7.00 | 2.96 | ---- |
| | 87914-0832 | ----- | ----- | ----- | ----- | 8 | ----- | 2 | 10.16 | 7.62 | 13.38 | 6.09 | 5.00 | ---- |
| E | 87914-0813 | ----- | ----- | ----- | ----- | 8 | ----- | 3 | 10.16 | 7.62 | 10.92 | 5.84 | 2.79 | ---- |
| | 87914-0823 | ----- | ----- | ----- | ----- | 8 | ----- | 3 | 10.16 | 7.62 | 12.25 | 7.00 | 2.96 | ---- |
| | 87914-0833 | ----- | ----- | ----- | ----- | 8 | ----- | 4 | 10.16 | 7.62 | 13.38 | 6.09 | 5.00 | ---- |
| | 87914-0814 | ----- | ----- | ----- | ----- | 8 | ----- | 4 | 10.16 | 7.62 | 10.92 | 5.84 | 2.79 | ---- |
| | 87914-0824 | ----- | ----- | ----- | ----- | 8 | ----- | 4 | 10.16 | 7.62 | 12.25 | 7.00 | 2.96 | ---- |
| | 87914-0834 | ----- | ----- | ----- | ----- | 8 | ----- | 4 | 10.16 | 7.62 | 13.38 | 6.09 | 5.00 | ---- |
| D | 87914-0815 | ----- | ----- | ----- | ----- | 8 | ----- | 5 | 10.16 | 7.62 | 10.92 | 5.84 | 2.79 | ---- |
| | 87914-0825 | ----- | ----- | ----- | ----- | 8 | ----- | 5 | 10.16 | 7.62 | 12.25 | 7.00 | 2.96 | ---- |
| | 87914-0835 | ----- | ----- | ----- | ----- | 8 | ----- | 5 | 10.16 | 7.62 | 13.38 | 6.09 | 5.00 | ---- |
| | 87914-0816 | ----- | ----- | ----- | ----- | 8 | ----- | 6 | 10.16 | 7.62 | 10.92 | 5.84 | 2.79 | ---- |
| | 87914-0826 | ----- | ----- | ----- | ----- | 8 | ----- | 6 | 10.16 | 7.62 | 12.25 | 7.00 | 2.96 | ---- |
| | 87914-0836 | ----- | ----- | ----- | ----- | 8 | ----- | 6 | 10.16 | 7.62 | 13.38 | 6.09 | 5.00 | ---- |
| C | 87914-0807 | ----- | ----- | ----- | ----- | 8 | 2.3,4,5,6,8 | 6 | 10.16 | 7.62 | 21.75 | 16.51 | 2.95 | ---- |
| | | | | | | | | | | | | | | |

B

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|--|---|--|---|---------------------------|-------------------|------------------------|
| SEE SHEET 14 IEC NO: S2015-1512 DRWN: MRAMAKRI SHINA 2015/06/25 CH'KD: ATSEE 2015/06/25 APPR: KPRASAD 2015/07/15 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | $\nabla_F = 0$ $\nabla_E = 0$ $\nabla_D = 0$ | mm INCH 4 PLACES \pm --- \pm --- 3 PLACES \pm --- \pm --- 2 PLACES ± 0.20 \pm --- 1 PLACE \pm --- \pm --- 0 PLACE \pm \pm | MM ONLY | NTS | METRIC | |
| | DRAWN BY: KCHO CHECKED BY: PTLIM APPROVED BY: MLONG MATERIAL NO. | DATE: 2004/11/05 DATE: 2004/12/08 DATE: 2010/09/06 | TITLE: 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H molex | DOCUMENT NO. SD-87914-013 | SHEET NO. 6 OF 45 | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE TABLE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |

| PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | PART NO. FOR BULK PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | |
|----------------------------|---|--------------------------------------|--|---|-----------------------------|----------|---------------|--------------|-----------|-------|-------|------|------|------|
| | | | | | | | | | A | B | F | M | P | G |
| 87914-1011 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 1 | 12.70 | 10.16 | 10.92 | 5.84 | 2.79 | ---- |
| 87914-1021 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 1 | 12.70 | 10.16 | 12.25 | 7.00 | 2.96 | ---- |
| 87914-1031 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 1 | 12.70 | 10.16 | 13.38 | 6.09 | 5.00 | ---- |
| 87914-1012 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 2 | 12.70 | 10.16 | 10.92 | 5.84 | 2.79 | ---- |
| 87914-1022 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 2 | 12.70 | 10.16 | 12.25 | 7.00 | 2.96 | ---- |
| 87914-1032 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 2 | 12.70 | 10.16 | 13.38 | 6.09 | 5.00 | ---- |
| 87914-1013 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 3 | 12.70 | 10.16 | 10.92 | 5.84 | 2.79 | ---- |
| 87914-1023 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 3 | 12.70 | 10.16 | 12.25 | 7.00 | 2.96 | ---- |
| 87914-1033 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 3 | 12.70 | 10.16 | 13.38 | 6.09 | 5.00 | ---- |
| 87914-1014 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 4 | 12.70 | 10.16 | 10.92 | 5.84 | 2.79 | ---- |
| 87914-1024 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 4 | 12.70 | 10.16 | 12.25 | 7.00 | 2.96 | ---- |
| 87914-1034 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 4 | 12.70 | 10.16 | 13.38 | 6.09 | 5.00 | ---- |
| 87914-1015 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 5 | 12.70 | 10.16 | 10.92 | 5.84 | 2.79 | ---- |
| 87914-1025 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 5 | 12.70 | 10.16 | 12.25 | 7.00 | 2.96 | ---- |
| 87914-1035 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 5 | 12.70 | 10.16 | 13.38 | 6.09 | 5.00 | ---- |
| 87914-1016 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 6 | 12.70 | 10.16 | 10.92 | 5.84 | 2.79 | ---- |
| 87914-1026 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 6 | 12.70 | 10.16 | 12.25 | 7.00 | 2.96 | ---- |
| 87914-1036 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 6 | 12.70 | 10.16 | 13.38 | 6.09 | 5.00 | ---- |
| 87914-0001 | ----- | ----- | ----- | ----- | ----- | 10 | ---- | 7 | 12.70 | 10.16 | 12.07 | 5.97 | 3.81 | ---- |
| ----- | ----- | ----- | ----- | ----- | 87914-1037 | 10 | 9 | 4 | 12.70 | 10.16 | 10.92 | 5.84 | 2.79 | ---- |

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|---|---------------------|---------------------------------------|-------|--|-------|----------------------|------------------------|---|--|--|--|
| SEE SHEET 14 IEC NO: S2015-1512 DRW:MRAMAKRI SHINA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | |
| | | | | mm | INCH | DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | |
| | | | | 4 PLACES ± --- | ± --- | CHECKED BY PTLIM | DATE 2004/12/08 | | | | |
| | | | | 3 PLACES ± --- | ± --- | APPROVED BY MLONG | DATE 2010/09/06 | | | | |
| | | 2 PLACES ± 0.20 | ± --- | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE TABLE | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |

10 9 8 7 6 5 4 3 2 1

| | PART NO. FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|---|-----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|
| | | | | | | | | | A | B | F | M | P |
| F | 87914-1211 | ----- | ----- | ----- | ----- | 12 | ---- | 1 | 15.24 | 12.70 | 10.92 | 5.84 | 2.79 |
| | ----- | 87914-1291 | ----- | ----- | ----- | 12 | ---- | 9 | 15.24 | 12.70 | 10.92 | 5.84 | 2.79 |
| | 87914-1221 | ----- | ----- | ----- | ----- | 12 | ---- | 1 | 15.24 | 12.70 | 12.25 | 7.00 | 2.96 |
| | 87914-1231 | ----- | ----- | ----- | ----- | 12 | ---- | 1 | 15.24 | 12.70 | 13.38 | 6.09 | 5.00 |
| | 87914-1212 | ----- | ----- | ----- | ----- | 12 | ---- | 2 | 15.24 | 12.70 | 10.92 | 5.84 | 2.79 |
| | 87914-1222 | ----- | ----- | ----- | ----- | 12 | ---- | 2 | 15.24 | 12.70 | 12.25 | 7.00 | 2.96 |
| E | 87914-1232 | ----- | ----- | ----- | ----- | 12 | ---- | 2 | 15.24 | 12.70 | 13.38 | 6.09 | 5.00 |
| | 87914-1213 | ----- | ----- | ----- | ----- | 12 | ---- | 3 | 15.24 | 12.70 | 10.92 | 5.84 | 2.79 |
| | 87914-1223 | ----- | ----- | ----- | ----- | 12 | ---- | 3 | 15.24 | 12.70 | 12.25 | 7.00 | 2.96 |
| | 87914-1233 | ----- | ----- | ----- | ----- | 12 | ---- | 3 | 15.24 | 12.70 | 13.38 | 6.09 | 5.00 |
| | 87914-1214 | ----- | ----- | ----- | ----- | 12 | ---- | 4 | 15.24 | 12.70 | 10.92 | 5.84 | 2.79 |
| | 87914-1224 | ----- | ----- | ----- | ----- | 12 | ---- | 4 | 15.24 | 12.70 | 12.25 | 7.00 | 2.96 |
| D | 87914-1234 | ----- | ----- | ----- | ----- | 12 | ---- | 4 | 15.24 | 12.70 | 13.38 | 6.09 | 5.00 |
| | 87914-1215 | ----- | ----- | ----- | ----- | 12 | ---- | 5 | 15.24 | 12.70 | 10.92 | 5.84 | 2.79 |
| | 87914-1225 | ----- | ----- | ----- | ----- | 12 | ---- | 5 | 15.24 | 12.70 | 12.25 | 7.00 | 2.96 |
| | 87914-1235 | ----- | ----- | ----- | ----- | 12 | ---- | 5 | 15.24 | 12.70 | 13.38 | 6.09 | 5.00 |
| | 87914-1216 | ----- | ----- | ----- | ----- | 12 | ---- | 6 | 15.24 | 12.70 | 10.92 | 5.84 | 2.79 |
| | 87914-1226 | ----- | ----- | ----- | ----- | 12 | ---- | 6 | 15.24 | 12.70 | 12.25 | 7.00 | 2.96 |
| C | 87914-1236 | ----- | ----- | ----- | ----- | 12 | ---- | 6 | 15.24 | 12.70 | 13.38 | 6.09 | 5.00 |

B B

| | | | | | | |
|--|--|---|--|---|---|---------------------------|
| SEE SHEET 14 EC NO: S2015-1512 DRW: N/MPRAKRI SHINA 2015/06/25 CHK: D: ATSEE 2015/06/25 APPR: KPRASAD 2015/07/15 | REV DESCRIPTION 1 QUALITY SYMBOLS 2 GENERAL TOLERANCES (UNLESS SPECIFIED) 3 DIMENSION STYLE 4 SCALE 5 DESIGN UNITS 6 THIRD ANGLE PROJECTION 7 TITLE 8 MATERIAL NO. 9 DOCUMENT NO. 10 SHEET NO. | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- 0 PLACE ± ± | mm INCH ± --- ± --- ± --- ± --- ± --- ± --- ± --- ± --- ± ± | DRAWN BY: KCHO DATE: 2004/11/05 CHECKED BY: PTL IM DATE: 2004/12/08 APPROVED BY: MLONG DATE: 2010/09/06 | TITLE: 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H molex | |
| | | ANGULAR ± 3 ° | | MATERIAL NO. SEE TABLE | | DOCUMENT NO. SD-87914-013 |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SIZE: A3 | | SHEET NO. 9 OF 45 |
| | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | |

A A

fb_frame_A3_P_AM_T Rev. G 2012/01/11 9 8 7 6 5 4 3 2 1

| PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|------------|-------|-------|-------|-------|
| | | | | | | | | A | B | F | M | P |
| | | | | | | | | 87914-1251 | ----- | ----- | ----- | ----- |
| 87914-1252 | ----- | ----- | ----- | ----- | 12 | ----- | 2 | 15.24 | 12.70 | 18.40 | 13.08 | 3.03 |
| 87914-1253 | ----- | ----- | ----- | ----- | 12 | ----- | 3 | 15.24 | 12.70 | 18.40 | 13.08 | 3.03 |
| 87914-1254 | ----- | ----- | ----- | ----- | 12 | ----- | 4 | 15.24 | 12.70 | 18.40 | 13.08 | 3.03 |
| 87914-1255 | ----- | ----- | ----- | ----- | 12 | ----- | 5 | 15.24 | 12.70 | 18.40 | 13.08 | 3.03 |
| 87914-1256 | ----- | ----- | ----- | ----- | 12 | ----- | 6 | 15.24 | 12.70 | 18.40 | 13.08 | 3.03 |
| 87914-1241 | ----- | ----- | ----- | ----- | 12 | ----- | 1 | 15.24 | 12.70 | 12.50 | 6.95 | 3.26 |
| 87914-1242 | ----- | ----- | ----- | ----- | 12 | ----- | 2 | 15.24 | 12.70 | 12.50 | 6.95 | 3.26 |
| 87914-1243 | ----- | ----- | ----- | ----- | 12 | ----- | 3 | 15.24 | 12.70 | 12.50 | 6.95 | 3.26 |
| 87914-1244 | ----- | ----- | ----- | ----- | 12 | ----- | 4 | 15.24 | 12.70 | 12.50 | 6.95 | 3.26 |
| 87914-1245 | ----- | ----- | ----- | ----- | 12 | ----- | 5 | 15.24 | 12.70 | 12.50 | 6.95 | 3.26 |
| 87914-1246 | ----- | ----- | ----- | ----- | 12 | ----- | 6 | 15.24 | 12.70 | 29.26 | 23.32 | 3.65 |
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|---|--|---|--|--|--|--------------------------------------|-------------------------------|--|--|
| SEE SHEET 14 IEC NO: S2015-1512 DRW:MPRAKRI SHINA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 | QUALITY SYMBOLS =0 =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 ± --- ± --- 0 PLACE ± ± | mm INCH ± --- ± --- ± 0.20 ± --- ± --- ± --- ± ± | DRAWN BY DATE KCHO 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | | |
| | | ANGULAR ± 3 ° | | CHECKED BY DATE PTLIM 2004/12/08 | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY DATE MLONG 2010/09/06 | | | | | |
| MATERIAL NO. SEE TABLE | | DOCUMENT NO. SD-87914-013 | | | SHEET NO. 10 OF 45 | | | | |

| F | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | |
|---|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|
| | PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
| | | | | | | | | | A | B | F | M | P |
| | 87914-1411 | ----- | ----- | ----- | ----- | 14 | ---- | 1 | 17.78 | 15.24 | 10.92 | 5.84 | 2.79 |
| | 87914-1421 | ----- | ----- | ----- | ----- | 14 | ---- | 1 | 17.78 | 15.24 | 12.25 | 7.00 | 2.96 |
| | 87914-1431 | ----- | ----- | ----- | ----- | 14 | ---- | 1 | 17.78 | 15.24 | 13.38 | 6.09 | 5.00 |
| | 87914-1412 | ----- | ----- | ----- | ----- | 14 | ---- | 2 | 17.78 | 15.24 | 10.92 | 5.84 | 2.79 |
| | 87914-1422 | ----- | ----- | ----- | ----- | 14 | ---- | 2 | 17.78 | 15.24 | 12.25 | 7.00 | 2.96 |
| | 87914-1432 | ----- | ----- | ----- | ----- | 14 | ---- | 2 | 17.78 | 15.24 | 13.38 | 6.09 | 5.00 |
| E | 87914-1413 | ----- | ----- | ----- | ----- | 14 | ---- | 3 | 17.78 | 15.24 | 10.92 | 5.84 | 2.79 |
| | 87914-1423 | ----- | ----- | ----- | ----- | 14 | ---- | 3 | 17.78 | 15.24 | 12.25 | 7.00 | 2.96 |
| | 87914-1433 | ----- | ----- | ----- | ----- | 14 | ---- | 3 | 17.78 | 15.24 | 13.38 | 6.09 | 5.00 |
| | 87914-1414 | ----- | ----- | ----- | ----- | 14 | ---- | 4 | 17.78 | 15.24 | 10.92 | 5.84 | 2.79 |
| | 87914-1424 | ----- | ----- | ----- | ----- | 14 | ---- | 4 | 17.78 | 15.24 | 12.25 | 7.00 | 2.96 |
| | 87914-1434 | ----- | ----- | ----- | ----- | 14 | ---- | 4 | 17.78 | 15.24 | 13.38 | 6.09 | 5.00 |
| D | 87914-1415 | ----- | ----- | ----- | ----- | 14 | ---- | 5 | 17.78 | 15.24 | 10.92 | 5.84 | 2.79 |
| | 87914-1425 | ----- | ----- | ----- | ----- | 14 | ---- | 5 | 17.78 | 15.24 | 12.25 | 7.00 | 2.96 |
| | 87914-1435 | ----- | ----- | ----- | ----- | 14 | ---- | 5 | 17.78 | 15.24 | 13.38 | 6.09 | 5.00 |
| | 87914-1416 | ----- | ----- | ----- | ----- | 14 | ---- | 6 | 17.78 | 15.24 | 10.92 | 5.84 | 2.79 |
| | 87914-1426 | ----- | ----- | ----- | ----- | 14 | ---- | 6 | 17.78 | 15.24 | 12.25 | 7.00 | 2.96 |
| | 87914-1436 | ----- | ----- | ----- | ----- | 14 | ---- | 6 | 17.78 | 15.24 | 13.38 | 6.09 | 5.00 |
| C | 87914-0007 | ----- | ----- | ----- | ----- | 14 | ---- | 6 | 17.78 | 15.24 | 13.42 | 8.08 | 3.05 |
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|---|-----------------|--|--|-----------------|---|--------------|------------------------|
| SEE SHEET 14 EC NO: S2015-1512 DRW: NRAMAKRI SHINA 2015/06/25 CHKD: ATSEE 2015/06/25 APPR: KPRASAD 2015/07/15 | REV DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | | $\nabla_F = 0$ $\nabla_F = 0$ $\nabla_F = 0$ | mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- 0 PLACE ± ± | MM ONLY | NTS | METRIC | |
| | | | | DRAWN BY | DATE | TITLE | |
| | | | | CHECKED BY | DATE | | |
| APPROVED BY | DATE | | | | | | |
| | | | ANGULAR ± 3 ° | MATERIAL NO. | DOCUMENT NO. | | |
| | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE TABLE | | | |
| | | | | SIZE A3 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |

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|--|--|---------------------------------------|--|-----------------------------------|---|---------------------|-------------------------------|--|--------------|--------------------|
| SEE SHEET 14 IEC NO: S2015-1512 DRW/N:R/RAKRI/SHNA 2015/06/25 CH/KD:AT/SEE 2015/06/25 APPR:KPRASAD 2015/07/15 | QUALITY SYMBOLS $\nabla_{\text{A}} = 0$ $\nabla_{\text{B}} = 0$ $\nabla_{\text{C}} = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | |
| | | | | mm | INCH | DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | |
| | | 4 PLACES | $\pm \text{---}$ | $\pm \text{---}$ | CHECKED BY PTLIM | DATE 2004/12/08 | APPROVED BY MLONG | | | DATE 2010/09/06 |
| | | 3 PLACES | $\pm \text{---}$ | $\pm \text{---}$ | | | MATERIAL NO. | | DOCUMENT NO. | SHEET NO. |
| 2 PLACES | ± 0.20 | $\pm \text{---}$ | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE TABLE | | SD-87914-013 | 12 OF 45 | | |
| 1 PLACE | $\pm \text{---}$ | $\pm \text{---}$ | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | |
| 0 PLACE | \pm | \pm | | | SIZE A3 | | | | | |


| | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | | |
|---|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|-------|------|---|
| | PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | |
| | | | | | | | | A | B | F | M | P | | |
| F | 87914-1611 | ----- | ----- | ----- | ----- | 16 | ---- | 1 | 20.32 | 17.78 | 10.92 | 5.84 | 2.79 | F |
| | 87914-1621 | ----- | ----- | ----- | ----- | 16 | ---- | 1 | 20.32 | 17.78 | 12.25 | 7.00 | 2.96 | |
| | 87914-1631 | ----- | ----- | ----- | ----- | 16 | ---- | 1 | 20.32 | 17.78 | 13.38 | 6.09 | 5.00 | |
| | 87914-1612 | ----- | ----- | ----- | ----- | 16 | ---- | 2 | 20.32 | 17.78 | 10.92 | 5.84 | 2.79 | |
| | 87914-1622 | ----- | ----- | ----- | ----- | 16 | ---- | 2 | 20.32 | 17.78 | 12.25 | 7.00 | 2.96 | |
| | 87914-1632 | ----- | ----- | ----- | ----- | 16 | ---- | 2 | 20.32 | 17.78 | 13.38 | 6.09 | 5.00 | |
| E | 87914-1613 | ----- | ----- | ----- | ----- | 16 | ---- | 3 | 20.32 | 17.78 | 10.92 | 5.84 | 2.79 | E |
| | 87914-1623 | ----- | ----- | ----- | ----- | 16 | ---- | 3 | 20.32 | 17.78 | 12.25 | 7.00 | 2.96 | |
| | 87914-1633 | ----- | ----- | ----- | ----- | 16 | ---- | 3 | 20.32 | 17.78 | 13.38 | 6.09 | 5.00 | |
| | 87914-1614 | ----- | ----- | ----- | ----- | 16 | ---- | 4 | 20.32 | 17.78 | 10.92 | 5.84 | 2.79 | |
| | 87914-1624 | ----- | ----- | ----- | ----- | 16 | ---- | 4 | 20.32 | 17.78 | 12.25 | 7.00 | 2.96 | |
| | 87914-1634 | ----- | ----- | ----- | ----- | 16 | ---- | 4 | 20.32 | 17.78 | 13.38 | 6.09 | 5.00 | |
| D | 87914-1615 | ----- | ----- | ----- | ----- | 16 | ---- | 5 | 20.32 | 17.78 | 10.92 | 5.84 | 2.79 | D |
| | 87914-1625 | ----- | ----- | ----- | ----- | 16 | ---- | 5 | 20.32 | 17.78 | 12.25 | 7.00 | 2.96 | |
| | 87914-1635 | ----- | ----- | ----- | ----- | 16 | ---- | 5 | 20.32 | 17.78 | 13.38 | 6.09 | 5.00 | |
| | 87914-1616 | ----- | ----- | ----- | ----- | 16 | ---- | 6 | 20.32 | 17.78 | 10.92 | 5.84 | 2.79 | |
| | 87914-1626 | ----- | ----- | ----- | ----- | 16 | ---- | 6 | 20.32 | 17.78 | 12.25 | 7.00 | 2.96 | |
| | 87914-1636 | ----- | ----- | ----- | ----- | 16 | ---- | 6 | 20.32 | 17.78 | 13.38 | 6.09 | 5.00 | |
| C | 87914-1600 | ----- | ----- | ----- | ----- | 16 | ---- | 6 | 20.32 | 17.78 | 9.49 | 4.50 | 2.70 | C |
| | 87914-1637 | ----- | ----- | ----- | ----- | 16 | ---- | 6 | 20.32 | 17.78 | 15.79 | 10.45 | 3.05 | |
| | | | | | | | | | | | | | | |
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| B | | | | | | | | | | | | | | B |

| | | | | | | | | | | |
|--|--------------------------------------|---------------------------------------|--|----------------------------|---|--------------------|---|------------------------|--|--|
| SEE SHEET 14 IEC NO: S2015-1512 DRAWN: PRAMAKRI SHINA 2015/06/25 CHKD: ATSEE 2015/06/25 APPR: KPRASAD 2015/07/15 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | |
| | | | mm | INCH | DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | |
| | | 4 PLACES | ± --- | ± --- | CHECKED BY PTLIM | DATE 2004/12/08 | molex | | | |
| | | 3 PLACES | ± --- | ± --- | APPROVED BY MLONG | DATE 2010/09/06 | | | | |
| 2 PLACES | ± 0.20 | ± --- | MATERIAL NO. | | DOCUMENT NO. | SHEET NO. | | | | |
| 1 PLACE | ± --- | ± --- | SEE TABLE | | SD-87914-013 | 13 OF 45 | | | | |
| 0 PLACE | ± | ± | 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 | | | | | |

| 10 | | 9 | | 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | |
|----|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|-------|------|-------|--|---|--|---|--|
| F | PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | | | | | | |
| | | | | | | | | | A | B | F | M | P | G | | | | | |
| | 87914-1811 | ----- | ----- | ----- | ----- | 18 | ---- | 1 | 22.86 | 20.32 | 10.92 | 5.84 | 2.79 | ---- | | | | | |
| | 87914-1821 | ----- | ----- | ----- | ----- | 18 | ---- | 1 | 22.86 | 20.32 | 12.25 | 7.00 | 2.96 | ---- | | | | | |
| | 87914-1831 | ----- | ----- | ----- | ----- | 18 | ---- | 1 | 22.86 | 20.32 | 13.38 | 6.09 | 5.00 | ---- | | | | | |
| | 87914-1812 | ----- | ----- | ----- | ----- | 18 | ---- | 2 | 22.86 | 20.32 | 10.92 | 5.84 | 2.79 | ---- | | | | | |
| | 87914-1822 | ----- | ----- | ----- | ----- | 18 | ---- | 2 | 22.86 | 20.32 | 12.25 | 7.00 | 2.96 | ---- | | | | | |
| | 87914-1832 | ----- | ----- | ----- | ----- | 18 | ---- | 2 | 22.86 | 20.32 | 13.38 | 6.09 | 5.00 | ---- | | | | | |
| E | 87914-1813 | ----- | ----- | ----- | ----- | 18 | ---- | 3 | 22.86 | 20.32 | 10.92 | 5.84 | 2.79 | ---- | | | | | |
| | 87914-1823 | ----- | ----- | ----- | ----- | 18 | ---- | 3 | 22.86 | 20.32 | 12.25 | 7.00 | 2.96 | ---- | | | | | |
| | 87914-1833 | ----- | ----- | ----- | ----- | 18 | ---- | 3 | 22.86 | 20.32 | 13.38 | 6.09 | 5.00 | ---- | | | | | |
| | 87914-1814 | ----- | ----- | ----- | ----- | 18 | ---- | 4 | 22.86 | 20.32 | 10.92 | 5.84 | 2.79 | ---- | | | | | |
| | 87914-1824 | ----- | ----- | ----- | ----- | 18 | ---- | 4 | 22.86 | 20.32 | 12.25 | 7.00 | 2.96 | ---- | | | | | |
| | 87914-1834 | ----- | ----- | ----- | ----- | 18 | ---- | 4 | 22.86 | 20.32 | 13.38 | 6.09 | 5.00 | ---- | | | | | |
| D | 87914-1815 | ----- | ----- | ----- | ----- | 18 | ---- | 5 | 22.86 | 20.32 | 10.92 | 5.84 | 2.79 | ---- | | | | | |
| | 87914-1825 | ----- | ----- | ----- | ----- | 18 | ---- | 5 | 22.86 | 20.32 | 12.25 | 7.00 | 2.96 | ---- | | | | | |
| | 87914-1835 | ----- | ----- | ----- | ----- | 18 | ---- | 5 | 22.86 | 20.32 | 13.38 | 6.09 | 5.00 | ---- | | | | | |
| | 87914-1816 | ----- | ----- | ----- | ----- | 18 | ---- | 6 | 22.86 | 20.32 | 10.92 | 5.84 | 2.79 | ---- | | | | | |
| | 87914-1826 | ----- | ----- | ----- | ----- | 18 | ---- | 6 | 22.86 | 20.32 | 12.25 | 7.00 | 2.96 | ---- | | | | | |
| | 87914-1836 | ----- | ----- | ----- | ----- | 18 | ---- | 6 | 22.86 | 20.32 | 13.38 | 6.09 | 5.00 | ---- | | | | | |
| C | ----- | ----- | 87914-1807 | ----- | ----- | 18 | ---- | 6 | 22.86 | 20.32 | 17.02 | 11.05 | 3.68 | 18.02 | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| B | | | | | | | | | | | | | | | | | | | |

| ADD P/N: 87914-1807 IEC NO: S2015-1512 DRW: N/RAJAKRI SHINA 2015/06/25 CHKD: ATSEE 2015/06/25 APPR: KPRASAD 2015/07/15 REV | QUALITY SYMBOLS $\nabla F = 0$ $\nabla E = 0$ $\nabla P = 0$ | 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> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </table> | | mm | INCH | 4 PLACES | ±--- | ±--- | 3 PLACES | ±--- | ±--- | 2 PLACES | ±0.20 | ±--- | 1 PLACE | ±--- | ±--- | 0 PLACE | ± | ± | DIMENSION STYLE MM ONLY DRAWN BY: KCHO DATE: 2004/11/05 CHECKED BY: PTLIM DATE: 2004/12/08 APPROVED BY: MLONG DATE: 2010/09/06 MATERIAL NO. | SCALE: NTS DESIGN UNITS: METRIC THIRD ANGLE PROJECTION | TITLE: 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H molex DOCUMENT NO. SD-87914-013 | SHEET NO. 14 OF 45 |
|--|---|---|------|----|------|----------|------|------|----------|------|------|----------|-------|------|---------|------|------|---------|---|---|--|--|--|--------------------|
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ±0.20 | ±--- | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ±--- | ±--- | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE TABLE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | |
| D15 | | | | | | | | | | | | | | | | | | | | | | | | |





| | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | | |
|---|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|---|
| | PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | |
| | | | | | | | | A | B | F | M | P | | |
| F | 87914-2011 | ----- | ----- | ----- | ----- | 20 | ---- | 1 | 25.40 | 22.86 | 10.92 | 5.84 | 2.79 | F |
| | 87914-2021 | ----- | ----- | ----- | ----- | 20 | ---- | 1 | 25.40 | 22.86 | 12.25 | 7.00 | 2.96 | |
| | 87914-2031 | ----- | ----- | ----- | ----- | 20 | ---- | 1 | 25.40 | 22.86 | 13.38 | 6.09 | 5.00 | |
| | 87914-2012 | ----- | ----- | ----- | ----- | 20 | ---- | 2 | 25.40 | 22.86 | 10.92 | 5.84 | 2.79 | |
| | 87914-2022 | ----- | ----- | ----- | ----- | 20 | ---- | 2 | 25.40 | 22.86 | 12.25 | 7.00 | 2.96 | |
| | 87914-2032 | ----- | ----- | ----- | ----- | 20 | ---- | 2 | 25.40 | 22.86 | 13.38 | 6.09 | 5.00 | |
| E | 87914-2013 | ----- | ----- | ----- | ----- | 20 | ---- | 3 | 25.40 | 22.86 | 10.92 | 5.84 | 2.79 | E |
| | 87914-2023 | ----- | ----- | ----- | ----- | 20 | ---- | 3 | 25.40 | 22.86 | 12.25 | 7.00 | 2.96 | |
| | 87914-2033 | ----- | ----- | ----- | ----- | 20 | ---- | 3 | 25.40 | 22.86 | 13.38 | 6.09 | 5.00 | |
| | 87914-2014 | ----- | ----- | ----- | ----- | 20 | ---- | 4 | 25.40 | 22.86 | 10.92 | 5.84 | 2.79 | |
| | 87914-2024 | ----- | ----- | ----- | ----- | 20 | ---- | 4 | 25.40 | 22.86 | 12.25 | 7.00 | 2.96 | |
| | 87914-2034 | ----- | ----- | ----- | ----- | 20 | ---- | 4 | 25.40 | 22.86 | 13.38 | 6.09 | 5.00 | |
| D | 87914-2015 | ----- | ----- | ----- | ----- | 20 | ---- | 5 | 25.40 | 22.86 | 10.92 | 5.84 | 2.79 | D |
| | 87914-2025 | ----- | ----- | ----- | ----- | 20 | ---- | 5 | 25.40 | 22.86 | 12.25 | 7.00 | 2.96 | |
| | 87914-2035 | ----- | ----- | ----- | ----- | 20 | ---- | 5 | 25.40 | 22.86 | 13.38 | 6.09 | 5.00 | |
| | 87914-2016 | ----- | ----- | ----- | ----- | 20 | ---- | 6 | 25.40 | 22.86 | 10.92 | 5.84 | 2.79 | |
| | 87914-2026 | ----- | ----- | ----- | ----- | 20 | ---- | 6 | 25.40 | 22.86 | 12.25 | 7.00 | 2.96 | |
| | 87914-2036 | ----- | ----- | ----- | ----- | 20 | ---- | 6 | 25.40 | 22.86 | 13.38 | 6.09 | 5.00 | |
| C | | | | | | | | | | | | | | C |
| | | | | | | | | | | | | | | |
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| B | | | | | | | | | | | | | | B |

| | | | | | | | | | | |
|--|--------------------------------------|---------------------------------------|--|----------------------------|--|--------------------|---|---|--|--|
| SEE SHEET 14 IEC NO: S2015-1512 DRAWN: PRAMAKRI SHINA 2015/06/25 CHKD: ATSEE 2015/06/25 APPR: KPRASAD 2015/07/15 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | |
| | | | | mm | INCH | DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | |
| | | 4 PLACES | ± --- | ± --- | CHECKED BY PTLIM | DATE 2004/12/08 | | | | |
| | | 3 PLACES | ± --- | ± --- | APPROVED BY | DATE |  | | | |
| 2 PLACES | ± 0.20 | ± --- | MLONG | 2010/09/06 | | | | | | |
| 1 PLACE | ± --- | ± --- | ANGULAR ± 3 ° | | MATERIAL NO. | DOCUMENT NO. | SHEET NO. 15 OF 45 | | | |
| 0 PLACE | ± | ± | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE TABLE | SD-87914-013 | | | | |
| | | | | SIZE A3 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | |

| PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|------------|-------|-------|-------|
| | | | | | | | | A | B | F | M | P |
| | | | | | | | | F | 87914-2211 | ----- | ----- | ----- |
| | 87914-2221 | ----- | ----- | ----- | 22 | ---- | 1 | 27.94 | 25.40 | 12.25 | 7.00 | 2.96 |
| | 87914-2231 | ----- | ----- | ----- | 22 | ---- | 1 | 27.94 | 25.40 | 13.38 | 6.09 | 5.00 |
| | 87914-2212 | ----- | ----- | ----- | 22 | ---- | 2 | 27.94 | 25.40 | 10.92 | 5.84 | 2.79 |
| | 87914-2222 | ----- | ----- | ----- | 22 | ---- | 2 | 27.94 | 25.40 | 12.25 | 7.00 | 2.96 |
| | 87914-2232 | ----- | ----- | ----- | 22 | ---- | 2 | 27.94 | 25.40 | 13.38 | 6.09 | 5.00 |
| E | 87914-2213 | ----- | ----- | ----- | 22 | ---- | 3 | 27.94 | 25.40 | 10.92 | 5.84 | 2.79 |
| | 87914-2223 | ----- | ----- | ----- | 22 | ---- | 3 | 27.94 | 25.40 | 12.25 | 7.00 | 2.96 |
| | 87914-2233 | ----- | ----- | ----- | 22 | ---- | 3 | 27.94 | 25.40 | 13.38 | 6.09 | 5.00 |
| | 87914-2214 | ----- | ----- | ----- | 22 | ---- | 4 | 27.94 | 25.40 | 10.92 | 5.84 | 2.79 |
| | 87914-2224 | ----- | ----- | ----- | 22 | ---- | 4 | 27.94 | 25.40 | 12.25 | 7.00 | 2.96 |
| | 87914-2234 | ----- | ----- | ----- | 22 | ---- | 4 | 27.94 | 25.40 | 13.38 | 6.09 | 5.00 |
| D | 87914-2215 | ----- | ----- | ----- | 22 | ---- | 5 | 27.94 | 25.40 | 10.92 | 5.84 | 2.79 |
| | 87914-2225 | ----- | ----- | ----- | 22 | ---- | 5 | 27.94 | 25.40 | 12.25 | 7.00 | 2.96 |
| | 87914-2235 | ----- | ----- | ----- | 22 | ---- | 5 | 27.94 | 25.40 | 13.38 | 6.09 | 5.00 |
| | 87914-2216 | ----- | ----- | ----- | 22 | ---- | 6 | 27.94 | 25.40 | 10.92 | 5.84 | 2.79 |
| | 87914-2226 | ----- | ----- | ----- | 22 | ---- | 6 | 27.94 | 25.40 | 12.25 | 7.00 | 2.96 |
| | 87914-2236 | ----- | ----- | ----- | 22 | ---- | 6 | 27.94 | 25.40 | 13.38 | 6.09 | 5.00 |
| C | | | | | | | | | | | | |
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|--|---|---------------------------------------|--|----------------------------|---|--------------------|------------------------|---|------------------------------|--|-----------------------|
| SEE SHEET 14 IEC NO: S2015-1512 DRW:MPRAMAKRI SHINA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 | QUALITY SYMBOLS $\nabla_F = 0$ $\nabla_F = 0$ $\nabla_F = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | |
| | | | | mm | INCH | DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | |
| | | 4 PLACES | ± --- | ± --- | CHECKED BY PTLIM | DATE 2004/12/08 | | | | | |
| | | 3 PLACES | ± --- | ± --- | APPROVED BY | DATE | MATERIAL NO. MLONG | | DOCUMENT NO. SD-87914-013 | | SHEET NO. 16 OF 45 |
| 2 PLACES | ± 0.20 | ± --- | DATE 2010/09/06 | | | | | | | | |
| 1 PLACE | ± --- | ± --- | ANGULAR ± 3 ° | | SEE TABLE | | | | | | |
| 0 PLACE | ± | ± | 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 | | | | | | |

| PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|------------|-------|-------|-------|
| | | | | | | | | A | B | F | M | P |
| | | | | | | | | F | 87914-2411 | ----- | ----- | ----- |
| | 87914-2421 | ----- | ----- | ----- | 24 | ---- | 1 | 30.48 | 27.94 | 12.25 | 7.00 | 2.96 |
| | 87914-2431 | ----- | ----- | ----- | 24 | ---- | 1 | 30.48 | 27.94 | 13.38 | 6.09 | 5.00 |
| | 87914-2412 | ----- | ----- | ----- | 24 | ---- | 2 | 30.48 | 27.94 | 10.92 | 5.84 | 2.79 |
| | 87914-2422 | ----- | ----- | ----- | 24 | ---- | 2 | 30.48 | 27.94 | 12.25 | 7.00 | 2.96 |
| | 87914-2432 | ----- | ----- | ----- | 24 | ---- | 2 | 30.48 | 27.94 | 13.38 | 6.09 | 5.00 |
| E | 87914-2413 | ----- | ----- | ----- | 24 | ---- | 3 | 30.48 | 27.94 | 10.92 | 5.84 | 2.79 |
| | 87914-2423 | ----- | ----- | ----- | 24 | ---- | 3 | 30.48 | 27.94 | 12.25 | 7.00 | 2.96 |
| | 87914-2433 | ----- | ----- | ----- | 24 | ---- | 3 | 30.48 | 27.94 | 13.38 | 6.09 | 5.00 |
| | 87914-2414 | ----- | ----- | ----- | 24 | ---- | 4 | 30.48 | 27.94 | 10.92 | 5.84 | 2.79 |
| | 87914-2424 | ----- | ----- | ----- | 24 | ---- | 4 | 30.48 | 27.94 | 12.25 | 7.00 | 2.96 |
| | 87914-2434 | ----- | ----- | ----- | 24 | ---- | 4 | 30.48 | 27.94 | 13.38 | 6.09 | 5.00 |
| D | 87914-2415 | ----- | ----- | ----- | 24 | ---- | 5 | 30.48 | 27.94 | 10.92 | 5.84 | 2.79 |
| | 87914-2425 | ----- | ----- | ----- | 24 | ---- | 5 | 30.48 | 27.94 | 12.25 | 7.00 | 2.96 |
| | 87914-2435 | ----- | ----- | ----- | 24 | ---- | 5 | 30.48 | 27.94 | 13.38 | 6.09 | 5.00 |
| | 87914-2416 | ----- | ----- | ----- | 24 | ---- | 6 | 30.48 | 27.94 | 10.92 | 5.84 | 2.79 |
| | 87914-2426 | ----- | ----- | ----- | 24 | ---- | 6 | 30.48 | 27.94 | 12.25 | 7.00 | 2.96 |
| | 87914-2436 | ----- | ----- | ----- | 24 | ---- | 6 | 30.48 | 27.94 | 13.38 | 6.09 | 5.00 |
| C | | | | | | | | | | | | |
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|--|---|---------------------------------------|---------------|----------------------------|--------------|---|------------------------|---|--------------------|---|--|--|
| SEE SHEET 14 IEC NO: S2015-1512 DRW:MPRAMAKRI SHINA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 | QUALITY SYMBOLS  = 0  = 0  = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | | |
| | | | | mm | INCH | DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | | |
| | | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | CHECKED BY PTLIM | DATE 2004/12/08 |  | | |
| | | 2 PLACES | ± 0.20 | ± --- | 1 PLACE | ± --- | ± --- | APPROVED BY MLONG | DATE 2010/09/06 | | | |
| 0 PLACE | ± | ± | ANGULAR ± 3 ° | | MATERIAL NO. | | DOCUMENT NO. | | SHEET NO. | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | SEE TABLE | | SD-87914-013 | | 17 OF 45 | | | | |
| | | | | SIZE A3 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | |

| PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|------------|-------|-------|-------|
| | | | | | | | | A | B | F | M | P |
| | | | | | | | | F | 87914-2611 | ----- | ----- | ----- |
| | 87914-2621 | ----- | ----- | ----- | 26 | ---- | 1 | 33.02 | 30.48 | 12.25 | 7.00 | 2.96 |
| | 87914-2631 | ----- | ----- | ----- | 26 | ---- | 1 | 33.02 | 30.48 | 13.38 | 6.09 | 5.00 |
| | 87914-2612 | ----- | ----- | ----- | 26 | ---- | 2 | 33.02 | 30.48 | 10.92 | 5.84 | 2.79 |
| | 87914-2622 | ----- | ----- | ----- | 26 | ---- | 2 | 33.02 | 30.48 | 12.25 | 7.00 | 2.96 |
| | 87914-2632 | ----- | ----- | ----- | 26 | ---- | 2 | 33.02 | 30.48 | 13.38 | 6.09 | 5.00 |
| E | 87914-2613 | ----- | ----- | ----- | 26 | ---- | 3 | 33.02 | 30.48 | 10.92 | 5.84 | 2.79 |
| | 87914-2623 | ----- | ----- | ----- | 26 | ---- | 3 | 33.02 | 30.48 | 12.25 | 7.00 | 2.96 |
| | 87914-2633 | ----- | ----- | ----- | 26 | ---- | 3 | 33.02 | 30.48 | 13.38 | 6.09 | 5.00 |
| | 87914-2614 | ----- | ----- | ----- | 26 | ---- | 4 | 33.02 | 30.48 | 10.92 | 5.84 | 2.79 |
| | 87914-2624 | ----- | ----- | ----- | 26 | ---- | 4 | 33.02 | 30.48 | 12.25 | 7.00 | 2.96 |
| | 87914-2634 | ----- | ----- | ----- | 26 | ---- | 4 | 33.02 | 30.48 | 13.38 | 6.09 | 5.00 |
| D | 87914-2615 | ----- | ----- | ----- | 26 | ---- | 5 | 33.02 | 30.48 | 10.92 | 5.84 | 2.79 |
| | 87914-2625 | ----- | ----- | ----- | 26 | ---- | 5 | 33.02 | 30.48 | 12.25 | 7.00 | 2.96 |
| | 87914-2635 | ----- | ----- | ----- | 26 | ---- | 5 | 33.02 | 30.48 | 13.38 | 6.09 | 5.00 |
| | 87914-2616 | ----- | ----- | ----- | 26 | ---- | 6 | 33.02 | 30.48 | 10.92 | 5.84 | 2.79 |
| | 87914-2626 | ----- | ----- | ----- | 26 | ---- | 6 | 33.02 | 30.48 | 12.25 | 7.00 | 2.96 |
| | 87914-2636 | ----- | ----- | ----- | 26 | ---- | 6 | 33.02 | 30.48 | 13.38 | 6.09 | 5.00 |
| C | | | | | | | | | | | | |
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|--|---|---------------------------------------|-----------------------|----------------------------|--------------|---|------------------------|---|---|--|--|--|
| SEE SHEET 14 IEC NO: S2015-1512 DRW: N/PRAMAKRI SHINA 2015/06/25 CHKD: ATSEE 2015/06/25 APPR: KPRASAD 2015/07/15 | QUALITY SYMBOLS $\nabla_F = 0$ $\nabla_F = 0$ $\nabla_F = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | | |
| | | | | mm | INCH | DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | | |
| | | 4 PLACES | \pm --- | \pm --- | 3 PLACES | \pm --- | CHECKED BY PTLIM | DATE 2004/12/08 | molex DOCUMENT NO. SD-87914-013 SHEET NO. 18 OF 45 | | | |
| | | 2 PLACES | \pm 0.20 | \pm --- | 1 PLACE | \pm --- | \pm --- | APPROVED BY MLONG | | | | |
| 0 PLACE | \pm | \pm | ANGULAR $\pm 3^\circ$ | | MATERIAL NO. | | SEE TABLE | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | SIZE A3 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | |

| | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | | |
|---|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|---|
| F | PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | F |
| | | | | | | | | | A | B | F | M | P | |
| | 87914-2811 | ----- | ----- | ----- | ----- | 28 | ----- | 1 | 35.56 | 33.02 | 10.92 | 5.84 | 2.79 | |
| | 87914-2821 | ----- | ----- | ----- | ----- | 28 | ----- | 1 | 35.56 | 33.02 | 12.25 | 7.00 | 2.96 | |
| | 87914-2831 | ----- | ----- | ----- | ----- | 28 | ----- | 1 | 35.56 | 33.02 | 13.38 | 6.09 | 5.00 | |
| | 87914-2812 | ----- | ----- | ----- | ----- | 28 | ----- | 2 | 35.56 | 33.02 | 10.92 | 5.84 | 2.79 | |
| | 87914-2822 | ----- | ----- | ----- | ----- | 28 | ----- | 2 | 35.56 | 33.02 | 12.25 | 7.00 | 2.96 | |
| | 87914-2832 | ----- | ----- | ----- | ----- | 28 | ----- | 2 | 35.56 | 33.02 | 13.38 | 6.09 | 5.00 | |
| E | 87914-2813 | ----- | ----- | ----- | ----- | 28 | ----- | 3 | 35.56 | 33.02 | 10.92 | 5.84 | 2.79 | E |
| | 87914-2823 | ----- | ----- | ----- | ----- | 28 | ----- | 3 | 35.56 | 33.02 | 12.25 | 7.00 | 2.96 | |
| | 87914-2833 | ----- | ----- | ----- | ----- | 28 | ----- | 3 | 35.56 | 33.02 | 13.38 | 6.09 | 5.00 | |
| | 87914-2814 | ----- | ----- | ----- | ----- | 28 | ----- | 4 | 35.56 | 33.02 | 10.92 | 5.84 | 2.79 | |
| | 87914-2824 | ----- | ----- | ----- | ----- | 28 | ----- | 4 | 35.56 | 33.02 | 12.25 | 7.00 | 2.96 | |
| | 87914-2834 | ----- | ----- | ----- | ----- | 28 | ----- | 4 | 35.56 | 33.02 | 13.38 | 6.09 | 5.00 | |
| D | 87914-2815 | ----- | ----- | ----- | ----- | 28 | ----- | 5 | 35.56 | 33.02 | 10.92 | 5.84 | 2.79 | D |
| | 87914-2825 | ----- | ----- | ----- | ----- | 28 | ----- | 5 | 35.56 | 33.02 | 12.25 | 7.00 | 2.96 | |
| | 87914-2835 | ----- | ----- | ----- | ----- | 28 | ----- | 5 | 35.56 | 33.02 | 13.38 | 6.09 | 5.00 | |
| | 87914-2816 | ----- | ----- | ----- | ----- | 28 | ----- | 6 | 35.56 | 33.02 | 10.92 | 5.84 | 2.79 | |
| | 87914-2826 | ----- | ----- | ----- | ----- | 28 | ----- | 6 | 35.56 | 33.02 | 12.25 | 7.00 | 2.96 | |
| | 87914-2836 | ----- | ----- | ----- | ----- | 28 | ----- | 6 | 35.56 | 33.02 | 13.38 | 6.09 | 5.00 | |
| C | | | | | | | | | | | | | | C |
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| B | | | | | | | | | | | | | | B |

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|---------|---|--------------------------------------|--|--------|---|---------------------|--------------------|---|------------------------|--|--|
| A | SEE SHEET 14 IEC NO: S2015-1512 DRW:MPRAKRI SHNA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | |
| | | | | mm | INCH | DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | |
| | | | 4 PLACES | ± --- | ± --- | CHECKED BY PTLIM | DATE 2004/12/08 | | | | |
| | | | 3 PLACES | ± --- | ± --- | APPROVED BY | DATE | molex | | | |
| | | | 2 PLACES | ± 0.20 | ± --- | MLONG | 2010/09/06 | | | | |
| 1 PLACE | ± --- | ± --- | MATERIAL NO. | | DOCUMENT NO. | | SHEET NO. | | | | |
| | | | ANGULAR ± 3 ° | | SEE TABLE | | SD-87914-013 | | 19 OF 45 | | |
| | | | 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 | | | | | | |

| PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|------------|-------|-------|-------|
| | | | | | | | | A | B | F | M | P |
| | | | | | | | | F | 87914-3011 | ----- | ----- | ----- |
| | 87914-3021 | ----- | ----- | ----- | 30 | ---- | 1 | 38.10 | 35.56 | 12.25 | 7.00 | 2.96 |
| | 87914-3031 | ----- | ----- | ----- | 30 | ---- | 1 | 38.10 | 35.56 | 13.38 | 6.09 | 5.00 |
| | 87914-3012 | ----- | ----- | ----- | 30 | ---- | 2 | 38.10 | 35.56 | 10.92 | 5.84 | 2.79 |
| | 87914-3022 | ----- | ----- | ----- | 30 | ---- | 2 | 38.10 | 35.56 | 12.25 | 7.00 | 2.96 |
| | 87914-3032 | ----- | ----- | ----- | 30 | ---- | 2 | 38.10 | 35.56 | 13.38 | 6.09 | 5.00 |
| E | 87914-3013 | ----- | ----- | ----- | 30 | ---- | 3 | 38.10 | 35.56 | 10.92 | 5.84 | 2.79 |
| | 87914-3023 | ----- | ----- | ----- | 30 | ---- | 3 | 38.10 | 35.56 | 12.25 | 7.00 | 2.96 |
| | 87914-3033 | ----- | ----- | ----- | 30 | ---- | 3 | 38.10 | 35.56 | 13.38 | 6.09 | 5.00 |
| | 87914-3014 | ----- | ----- | ----- | 30 | ---- | 4 | 38.10 | 35.56 | 10.92 | 5.84 | 2.79 |
| | 87914-3024 | ----- | ----- | ----- | 30 | ---- | 4 | 38.10 | 35.56 | 12.25 | 7.00 | 2.96 |
| | 87914-3034 | ----- | ----- | ----- | 30 | ---- | 4 | 38.10 | 35.56 | 13.38 | 6.09 | 5.00 |
| D | 87914-3015 | ----- | ----- | ----- | 30 | ---- | 5 | 38.10 | 35.56 | 10.92 | 5.84 | 2.79 |
| | 87914-3025 | ----- | ----- | ----- | 30 | ---- | 5 | 38.10 | 35.56 | 12.25 | 7.00 | 2.96 |
| | 87914-3035 | ----- | ----- | ----- | 30 | ---- | 5 | 38.10 | 35.56 | 13.38 | 6.09 | 5.00 |
| | 87914-3016 | ----- | ----- | ----- | 30 | ---- | 6 | 38.10 | 35.56 | 10.92 | 5.84 | 2.79 |
| | 87914-3026 | ----- | ----- | ----- | 30 | ---- | 6 | 38.10 | 35.56 | 12.25 | 7.00 | 2.96 |
| | 87914-3036 | ----- | ----- | ----- | 30 | ---- | 6 | 38.10 | 35.56 | 13.38 | 6.09 | 5.00 |
| C | | | | | | | | | | | | |
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|--|--------------------------------------|--|-----------------|--|--------------|------------------------|--|
| SEE SHEET 14 IEC NO: S2015-1512 DRAWN:RAMAKRI SHINA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | |
| | | | | MM ONLY | NTS | | METRIC |
| | | 4 PLACES ± --- ± --- | mm INCH | DRAWN BY | DATE | | TITLE |
| | | 3 PLACES ± --- ± --- | | KCHO | 2004/11/05 | | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H |
| | | 2 PLACES ± 0.20 ± --- | | CHECKED BY | DATE | | |
| | | 1 PLACE ± --- ± --- | | PTLIM | 2004/12/08 | | |
| | | 0 PLACE ± ± | | APPROVED BY | DATE | | |
| | | | | MLONG | 2010/09/06 | | |
| | | ANGULAR ± 3 ° | | MATERIAL NO. | DOCUMENT NO. | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE TABLE | SD-87914-013 | | SHEET NO. 20 OF 45 | |
| | | | SIZE A3 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |

| PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|------------|-------|-------|-------|
| | | | | | | | | A | B | F | M | P |
| | | | | | | | | F | 87914-3211 | ----- | ----- | ----- |
| | 87914-3221 | ----- | ----- | ----- | 32 | ---- | 1 | 40.64 | 38.10 | 12.25 | 7.00 | 2.96 |
| | 87914-3231 | ----- | ----- | ----- | 32 | ---- | 1 | 40.64 | 38.10 | 13.38 | 6.09 | 5.00 |
| | 87914-3212 | ----- | ----- | ----- | 32 | ---- | 2 | 40.64 | 38.10 | 10.92 | 5.84 | 2.79 |
| | 87914-3222 | ----- | ----- | ----- | 32 | ---- | 2 | 40.64 | 38.10 | 12.25 | 7.00 | 2.96 |
| | 87914-3232 | ----- | ----- | ----- | 32 | ---- | 2 | 40.64 | 38.10 | 13.38 | 6.09 | 5.00 |
| E | 87914-3213 | ----- | ----- | ----- | 32 | ---- | 3 | 40.64 | 38.10 | 10.92 | 5.84 | 2.79 |
| | 87914-3223 | ----- | ----- | ----- | 32 | ---- | 3 | 40.64 | 38.10 | 12.25 | 7.00 | 2.96 |
| | 87914-3233 | ----- | ----- | ----- | 32 | ---- | 3 | 40.64 | 38.10 | 13.38 | 6.09 | 5.00 |
| | 87914-3214 | ----- | ----- | ----- | 32 | ---- | 4 | 40.64 | 38.10 | 10.92 | 5.84 | 2.79 |
| | 87914-3224 | ----- | ----- | ----- | 32 | ---- | 4 | 40.64 | 38.10 | 12.25 | 7.00 | 2.96 |
| | 87914-3234 | ----- | ----- | ----- | 32 | ---- | 4 | 40.64 | 38.10 | 13.38 | 6.09 | 5.00 |
| D | 87914-3215 | ----- | ----- | ----- | 32 | ---- | 5 | 40.64 | 38.10 | 10.92 | 5.84 | 2.79 |
| | 87914-3225 | ----- | ----- | ----- | 32 | ---- | 5 | 40.64 | 38.10 | 12.25 | 7.00 | 2.96 |
| | 87914-3235 | ----- | ----- | ----- | 32 | ---- | 5 | 40.64 | 38.10 | 13.38 | 6.09 | 5.00 |
| | 87914-3216 | ----- | ----- | ----- | 32 | ---- | 6 | 40.64 | 38.10 | 10.92 | 5.84 | 2.79 |
| | 87914-3226 | ----- | ----- | ----- | 32 | ---- | 6 | 40.64 | 38.10 | 12.25 | 7.00 | 2.96 |
| | 87914-3236 | ----- | ----- | ----- | 32 | ---- | 6 | 40.64 | 38.10 | 13.38 | 6.09 | 5.00 |
| C | | | | | | | | | | | | |
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|---|---------------------|--|--------------|---|---------------------|--------------------|------------------------|---|--|--|--|
| SEE SHEET 14 IEC NO: S2015-1512 DRW:MPRAMAKRI SHINA 2015/06/25 CH:KD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | |
| | | | | mm | INCH | DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | |
| | | 4 PLACES | ± --- | ± --- | CHECKED BY PTLIM | DATE 2004/12/08 | | | | | |
| | | 3 PLACES | ± --- | ± --- | APPROVED BY | DATE | | | | | |
| 2 PLACES | ± 0.20 | ± --- | MLONG | 2010/09/06 | | | | | | | |
| 1 PLACE | ± --- | ± --- | MATERIAL NO. | | DOCUMENT NO. | | SHEET NO. 21 OF 45 | | | | |
| 0 PLACE | ± | ± | SEE TABLE | | SD-87914-013 | | | | | | |
| | | ANGULAR ± 3 ° | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | | | | |

| | 10 | | 9 | | 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | | | | |
|---|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|--|---|--|---|--|---|--|--|--|--|
| | PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | | | | | | | | | | |
| | | | | | | | | | A | B | F | M | D | | | | | | | | | | |
| F | 87914-3411 | ----- | ----- | ----- | ----- | 34 | ---- | 1 | 43.18 | 40.64 | 10.92 | 5.84 | 2.79 | | | | | | | | | | |
| | 87914-3421 | ----- | ----- | ----- | ----- | 34 | ---- | 1 | 43.18 | 40.64 | 12.25 | 7.00 | 2.96 | | | | | | | | | | |
| | 87914-3431 | ----- | ----- | ----- | ----- | 34 | ---- | 1 | 43.18 | 40.64 | 13.38 | 6.09 | 5.00 | | | | | | | | | | |
| | 87914-3412 | ----- | ----- | ----- | ----- | 34 | ---- | 2 | 43.18 | 40.64 | 10.92 | 5.84 | 2.79 | | | | | | | | | | |
| | 87914-3422 | ----- | ----- | ----- | ----- | 34 | ---- | 2 | 43.18 | 40.64 | 12.25 | 7.00 | 2.96 | | | | | | | | | | |
| | 87914-3432 | ----- | ----- | ----- | ----- | 34 | ---- | 2 | 43.18 | 40.64 | 13.38 | 6.09 | 5.00 | | | | | | | | | | |
| E | 87914-3413 | ----- | ----- | ----- | ----- | 34 | ---- | 3 | 43.18 | 40.64 | 10.92 | 5.84 | 2.79 | | | | | | | | | | |
| | 87914-3423 | ----- | ----- | ----- | ----- | 34 | ---- | 3 | 43.18 | 40.64 | 12.25 | 7.00 | 2.96 | | | | | | | | | | |
| | 87914-3433 | ----- | ----- | ----- | ----- | 34 | ---- | 3 | 43.18 | 40.64 | 13.38 | 6.09 | 5.00 | | | | | | | | | | |
| | 87914-3414 | ----- | ----- | ----- | ----- | 34 | ---- | 4 | 43.18 | 40.64 | 10.92 | 5.84 | 2.79 | | | | | | | | | | |
| | 87914-3424 | ----- | ----- | ----- | ----- | 34 | ---- | 4 | 43.18 | 40.64 | 12.25 | 7.00 | 2.96 | | | | | | | | | | |
| | 87914-3434 | ----- | ----- | ----- | ----- | 34 | ---- | 4 | 43.18 | 40.64 | 13.38 | 6.09 | 5.00 | | | | | | | | | | |
| D | 87914-3415 | ----- | ----- | ----- | ----- | 34 | ---- | 5 | 43.18 | 40.64 | 10.92 | 5.84 | 2.79 | | | | | | | | | | |
| | 87914-3425 | ----- | ----- | ----- | ----- | 34 | ---- | 5 | 43.18 | 40.64 | 12.25 | 7.00 | 2.96 | | | | | | | | | | |
| | 87914-3435 | ----- | ----- | ----- | ----- | 34 | ---- | 5 | 43.18 | 40.64 | 13.38 | 6.09 | 5.00 | | | | | | | | | | |
| | 87914-3416 | ----- | ----- | ----- | ----- | 34 | ---- | 6 | 43.18 | 40.64 | 10.92 | 5.84 | 2.79 | | | | | | | | | | |
| | 87914-3426 | ----- | ----- | ----- | ----- | 34 | ---- | 6 | 43.18 | 40.64 | 12.25 | 7.00 | 2.96 | | | | | | | | | | |
| | 87914-3436 | ----- | ----- | ----- | ----- | 34 | ---- | 6 | 43.18 | 40.64 | 13.38 | 6.09 | 5.00 | | | | | | | | | | |
| C | | | | | | | | | | | | | | | | | | | | | | | |
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|--|--------------------------------------|---------------------------------------|------|--|------|---|------------------------|---|--|-----------|--|
| SEE SHEET 14 IEC NO: S2015-1512 DRAWN: PRAMAKRI SHINA 2015/06/25 CHKD: ATSEE 2015/06/25 APPR: KPRASAD 2015/07/15 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | |
| | | | | mm | INCH | DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | |
| | | 4 PLACES ±--- | | ±--- | ±--- | CHECKED BY PTLIM | DATE 2004/12/08 | molex | | | |
| | | 3 PLACES ±--- | | ±--- | ±--- | APPROVED BY MLONG | DATE 2010/09/06 | | | | |
| | | 2 PLACES ±0.20 | | ±--- | ±--- | MATERIAL NO. | | DOCUMENT NO. | | SHEET NO. | |
| 1 PLACE ±--- | | ±--- | ±--- | SEE TABLE | | SD-87914-013 | | 22 OF 45 | | | |
| 0 PLACE ± | | ± | ± | 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 | | | | | |

| | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | | |
|---|-----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|---|
| | PART NO. FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | |
| | | | | | | | | A | B | F | M | P | | |
| F | 87914-3611 | ----- | ----- | ----- | ----- | 36 | ---- | 1 | 45.72 | 43.18 | 10.92 | 5.84 | 2.79 | F |
| | 87914-3621 | ----- | ----- | ----- | ----- | 36 | ---- | 1 | 45.72 | 43.18 | 12.25 | 7.00 | 2.96 | |
| | 87914-3631 | ----- | ----- | ----- | ----- | 36 | ---- | 1 | 45.72 | 43.18 | 13.38 | 6.09 | 5.00 | |
| | 87914-3612 | ----- | ----- | ----- | ----- | 36 | ---- | 2 | 45.72 | 43.18 | 10.92 | 5.84 | 2.79 | |
| | 87914-3622 | ----- | ----- | ----- | ----- | 36 | ---- | 2 | 45.72 | 43.18 | 12.25 | 7.00 | 2.96 | |
| | 87914-3632 | ----- | ----- | ----- | ----- | 36 | ---- | 2 | 45.72 | 43.18 | 13.38 | 6.09 | 5.00 | |
| E | 87914-3613 | ----- | ----- | ----- | ----- | 36 | ---- | 3 | 45.72 | 43.18 | 10.92 | 5.84 | 2.79 | E |
| | 87914-3623 | ----- | ----- | ----- | ----- | 36 | ---- | 3 | 45.72 | 43.18 | 12.25 | 7.00 | 2.96 | |
| | 87914-3633 | ----- | ----- | ----- | ----- | 36 | ---- | 3 | 45.72 | 43.18 | 13.38 | 6.09 | 5.00 | |
| | 87914-3614 | ----- | ----- | ----- | ----- | 36 | ---- | 4 | 45.72 | 43.18 | 10.92 | 5.84 | 2.79 | |
| | 87914-3624 | ----- | ----- | ----- | ----- | 36 | ---- | 4 | 45.72 | 43.18 | 12.25 | 7.00 | 2.96 | |
| | 87914-3634 | ----- | ----- | ----- | ----- | 36 | ---- | 4 | 45.72 | 43.18 | 13.38 | 6.09 | 5.00 | |
| D | 87914-3615 | ----- | ----- | ----- | ----- | 36 | ---- | 5 | 45.72 | 43.18 | 10.92 | 5.84 | 2.79 | D |
| | 87914-3625 | ----- | ----- | ----- | ----- | 36 | ---- | 5 | 45.72 | 43.18 | 12.25 | 7.00 | 2.96 | |
| | 87914-3635 | ----- | ----- | ----- | ----- | 36 | ---- | 5 | 45.72 | 43.18 | 13.38 | 6.09 | 5.00 | |
| | 87914-3616 | ----- | ----- | ----- | ----- | 36 | ---- | 6 | 45.72 | 43.18 | 10.92 | 5.84 | 2.79 | |
| | 87914-3626 | ----- | ----- | ----- | ----- | 36 | ---- | 6 | 45.72 | 43.18 | 12.25 | 7.00 | 2.96 | |
| | 87914-3636 | ----- | ----- | ----- | ----- | 36 | ---- | 6 | 45.72 | 43.18 | 13.38 | 6.09 | 5.00 | |
| C | 87914-3637 | ----- | ----- | ----- | ----- | 36 | ---- | 6 | 45.72 | 43.18 | 12.10 | 7.01 | 2.60 | C |
| | | | | | | | | | | | | | | |
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|--|--------------------------------------|---|----------------------------|--------------------|---|------------------------|--|
| SEE SHEET 14 IEC NO: S2015-1512 DRAWN: PRAMAKRI SHINA 2015/06/25 CHKD: ATSEE 2015/06/25 APPR: KPRASAD 2015/07/15 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE MM ONLY | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| | | 4 PLACES ± --- ± --- | DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | |
| | | 3 PLACES ± --- ± --- | CHECKED BY PTLIM | DATE 2004/12/08 | molex | | |
| | | 2 PLACES ± 0.20 ± --- | APPROVED BY MLONG | DATE 2010/09/06 | | | |
| | | 1 PLACE ± --- ± --- | MATERIAL NO. | DOCUMENT NO. | | | |
| 0 PLACE ± ± | ANGULAR ± 3 ° | | SEE TABLE | | SD-87914-013 | SHEET NO. 23 OF 45 | |
| 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 | | | | | |

| PART NO. FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|-----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|------------|-------|-------|-------|
| | | | | | | | | A | B | F | M | P |
| | | | | | | | | F | 87914-3811 | ----- | ----- | ----- |
| | 87914-3821 | ----- | ----- | ----- | 38 | ---- | 1 | 48.26 | 45.72 | 12.25 | 7.00 | 2.96 |
| | 87914-3831 | ----- | ----- | ----- | 38 | ---- | 1 | 48.26 | 45.72 | 13.38 | 6.09 | 5.00 |
| | 87914-3812 | ----- | ----- | ----- | 38 | ---- | 2 | 48.26 | 45.72 | 10.92 | 5.84 | 2.79 |
| | 87914-3822 | ----- | ----- | ----- | 38 | ---- | 2 | 48.26 | 45.72 | 12.25 | 7.00 | 2.96 |
| | 87914-3832 | ----- | ----- | ----- | 38 | ---- | 2 | 48.26 | 45.72 | 13.38 | 6.09 | 5.00 |
| E | 87914-3813 | ----- | ----- | ----- | 38 | ---- | 3 | 48.26 | 45.72 | 10.92 | 5.84 | 2.79 |
| | 87914-3823 | ----- | ----- | ----- | 38 | ---- | 3 | 48.26 | 45.72 | 12.25 | 7.00 | 2.96 |
| | 87914-3833 | ----- | ----- | ----- | 38 | ---- | 3 | 48.26 | 45.72 | 13.38 | 6.09 | 5.00 |
| | 87914-3814 | ----- | ----- | ----- | 38 | ---- | 4 | 48.26 | 45.72 | 10.92 | 5.84 | 2.79 |
| | 87914-3824 | ----- | ----- | ----- | 38 | ---- | 4 | 48.26 | 45.72 | 12.25 | 7.00 | 2.96 |
| | 87914-3834 | ----- | ----- | ----- | 38 | ---- | 4 | 48.26 | 45.72 | 13.38 | 6.09 | 5.00 |
| D | 87914-3815 | ----- | ----- | ----- | 38 | ---- | 5 | 48.26 | 45.72 | 10.92 | 5.84 | 2.79 |
| | 87914-3825 | ----- | ----- | ----- | 38 | ---- | 5 | 48.26 | 45.72 | 12.25 | 7.00 | 2.96 |
| | 87914-3835 | ----- | ----- | ----- | 38 | ---- | 5 | 48.26 | 45.72 | 13.38 | 6.09 | 5.00 |
| | 87914-3816 | ----- | ----- | ----- | 38 | ---- | 6 | 48.26 | 45.72 | 10.92 | 5.84 | 2.79 |
| | 87914-3826 | ----- | ----- | ----- | 38 | ---- | 6 | 48.26 | 45.72 | 12.25 | 7.00 | 2.96 |
| | 87914-3836 | ----- | ----- | ----- | 38 | ---- | 6 | 48.26 | 45.72 | 13.38 | 6.09 | 5.00 |
| C | | | | | | | | | | | | |
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|--|---|---------------------------------------|---|-----------------------------------|---------------------|------------------------|------------------------|
| SEE SHEET 14 IEC NO: S2015-1512 DRW:MRAMAKRI SHINA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 | QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | 4 PLACES | ± --- | ± --- | DRAWN BY KCHO | DATE 2004/11/05 | |
| | | 3 PLACES | ± --- | ± --- | CHECKED BY PTLIM | DATE 2004/12/08 | |
| | | 2 PLACES | ± 0.20 | ± --- | APPROVED BY | DATE | |
| | | 1 PLACE | ± --- | ± --- | MLONG | 2010/09/06 | |
| 0 PLACE | ± | ± | MATERIAL NO. | | DOCUMENT NO. | SHEET NO. | |
| ANGULAR ± 3 ° | | | SEE TABLE | | SD-87914-013 | 24 OF 45 | |
| 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 | | | | |

| PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|------------|-------|-------|-------|
| | | | | | | | | A | B | F | M | P |
| | | | | | | | | F | 87914-4011 | ----- | ----- | ----- |
| | 87914-4021 | ----- | ----- | ----- | 40 | ---- | 1 | 50.80 | 48.26 | 12.25 | 7.00 | 2.96 |
| | 87914-4031 | ----- | ----- | ----- | 40 | ---- | 1 | 50.80 | 48.26 | 13.38 | 6.09 | 5.00 |
| | 87914-4012 | ----- | ----- | ----- | 40 | ---- | 2 | 50.80 | 48.26 | 10.92 | 5.84 | 2.79 |
| | 87914-4022 | ----- | ----- | ----- | 40 | ---- | 2 | 50.80 | 48.26 | 12.25 | 7.00 | 2.96 |
| | 87914-4032 | ----- | ----- | ----- | 40 | ---- | 2 | 50.80 | 48.26 | 13.38 | 6.09 | 5.00 |
| E | 87914-4013 | ----- | ----- | ----- | 40 | ---- | 3 | 50.80 | 48.26 | 10.92 | 5.84 | 2.79 |
| | 87914-4023 | ----- | ----- | ----- | 40 | ---- | 3 | 50.80 | 48.26 | 12.25 | 7.00 | 2.96 |
| | 87914-4033 | ----- | ----- | ----- | 40 | ---- | 3 | 50.80 | 48.26 | 13.38 | 6.09 | 5.00 |
| | 87914-4014 | ----- | ----- | ----- | 40 | ---- | 4 | 50.80 | 48.26 | 10.92 | 5.84 | 2.79 |
| | 87914-4024 | ----- | ----- | ----- | 40 | ---- | 4 | 50.80 | 48.26 | 12.25 | 7.00 | 2.96 |
| | 87914-4034 | ----- | ----- | ----- | 40 | ---- | 4 | 50.80 | 48.26 | 13.38 | 6.09 | 5.00 |
| D | 87914-4015 | ----- | ----- | ----- | 40 | ---- | 5 | 50.80 | 48.26 | 10.92 | 5.84 | 2.79 |
| | 87914-4025 | ----- | ----- | ----- | 40 | ---- | 5 | 50.80 | 48.26 | 12.25 | 7.00 | 2.96 |
| | 87914-4035 | ----- | ----- | ----- | 40 | ---- | 5 | 50.80 | 48.26 | 13.38 | 6.09 | 5.00 |
| | 87914-4016 | ----- | ----- | ----- | 40 | ---- | 6 | 50.80 | 48.26 | 10.92 | 5.84 | 2.79 |
| | 87914-4026 | ----- | ----- | ----- | 40 | ---- | 6 | 50.80 | 48.26 | 12.25 | 7.00 | 2.96 |
| | 87914-4036 | ----- | ----- | ----- | 40 | ---- | 6 | 50.80 | 48.26 | 13.38 | 6.09 | 5.00 |
| C | | | | | | | | | | | | |
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|--|-----------------------------------|---------------------------------------|---------------|----------------------------|--|------------------------------|------------------------|------------------------|---|
| SEE SHEET 14 IEC NO: S2015-1512 DRW:MPRAMAKRI SHINA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 | QUALITY SYMBOLS =0 =0 =0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| | | | | mm | INCH | DRAWN BY KCHO | DATE 2004/11/05 | | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H |
| | | | | 4 PLACES | ± --- | ± --- | CHECKED BY PTLIM | DATE 2004/12/08 | molex |
| | | | | 3 PLACES | ± --- | ± --- | APPROVED BY | DATE 2010/09/06 | |
| | | 2 PLACES | ± 0.20 | ± --- | MATERIAL NO. | DOCUMENT NO. SD-87914-013 | | | |
| | | 1 PLACE | ± --- | ± --- | SEE TABLE | | SHEET NO. 25 OF 45 | | |
| | | 0 PLACE | ± | ± | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | |
| | | | ANGULAR ± 3 ° | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | |

| PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|
| | | | | | | | | A | B | F | M | P |
| F | 87914-4211 | ----- | ----- | ----- | 42 | ---- | 1 | 53.34 | 50.80 | 10.92 | 5.84 | 2.79 |
| | 87914-4221 | ----- | ----- | ----- | 42 | ---- | 1 | 53.34 | 50.80 | 12.25 | 7.00 | 2.96 |
| | 87914-4212 | ----- | ----- | ----- | 42 | ---- | 2 | 53.34 | 50.80 | 10.92 | 5.84 | 2.79 |
| | 87914-4222 | ----- | ----- | ----- | 42 | ---- | 2 | 53.34 | 50.80 | 12.25 | 7.00 | 2.96 |
| | 87914-4213 | ----- | ----- | ----- | 42 | ---- | 3 | 53.34 | 50.80 | 10.92 | 5.84 | 2.79 |
| | 87914-4223 | ----- | ----- | ----- | 42 | ---- | 3 | 53.34 | 50.80 | 12.25 | 7.00 | 2.96 |
| E | 87914-4214 | ----- | ----- | ----- | 42 | ---- | 4 | 53.34 | 50.80 | 10.92 | 5.84 | 2.79 |
| | 87914-4224 | ----- | ----- | ----- | 42 | ---- | 4 | 53.34 | 50.80 | 12.25 | 7.00 | 2.96 |
| | 87914-4215 | ----- | ----- | ----- | 42 | ---- | 5 | 53.34 | 50.80 | 10.92 | 5.84 | 2.79 |
| | 87914-4225 | ----- | ----- | ----- | 42 | ---- | 5 | 53.34 | 50.80 | 12.25 | 7.00 | 2.96 |
| | 87914-4216 | ----- | ----- | ----- | 42 | ---- | 6 | 53.34 | 50.80 | 10.92 | 5.84 | 2.79 |
| | 87914-4226 | ----- | ----- | ----- | 42 | ---- | 6 | 53.34 | 50.80 | 12.25 | 7.00 | 2.96 |
| D | | | | | | | | | | | | |
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|--|--------------------------------------|---|--|-----------------------------------|--------------------|---|------------------------------|------------------------|--|
| SEE SHEET 14 IEC NO: S2015-1512 DRW: N/RAJAKRI SHINA 2015/06/25 CHKD: ATSEE 2015/06/25 APPR: KPRASAD 2015/07/15 | QUALITY SYMBOLS F=0 F=0 F=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 ± --- ± --- 0 PLACE ± ± | mm INCH ± --- ± --- ± 0.20 ± --- ± --- ± --- ± ± | DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | |
| | | ANGULAR ± 3 ° | | CHECKED BY PTLIM | DATE 2004/12/08 | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY MLONG | DATE 2010/09/06 | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-87914-013 | SHEET NO. 26 OF 45 | |

| F | PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|---|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|
| | | | | | | | | | A | B | F | M | P |
| | 87914-4411 | ----- | ----- | ----- | ----- | 44 | ---- | 1 | 55.88 | 53.34 | 10.92 | 5.84 | 2.79 |
| | 87914-4421 | ----- | ----- | ----- | ----- | 44 | ---- | 1 | 55.88 | 53.34 | 12.25 | 7.00 | 2.96 |
| | 87914-4412 | ----- | ----- | ----- | ----- | 44 | ---- | 2 | 55.88 | 53.34 | 10.92 | 5.84 | 2.79 |
| | 87914-4422 | ----- | ----- | ----- | ----- | 44 | ---- | 2 | 55.88 | 53.34 | 12.25 | 7.00 | 2.96 |
| | 87914-4413 | ----- | ----- | ----- | ----- | 44 | ---- | 3 | 55.88 | 53.34 | 10.92 | 5.84 | 2.79 |
| | 87914-4423 | ----- | ----- | ----- | ----- | 44 | ---- | 3 | 55.88 | 53.34 | 12.25 | 7.00 | 2.96 |
| | 87914-4414 | ----- | ----- | ----- | ----- | 44 | ---- | 4 | 55.88 | 53.34 | 10.92 | 5.84 | 2.79 |
| | 87914-4424 | ----- | ----- | ----- | ----- | 44 | ---- | 4 | 55.88 | 53.34 | 12.25 | 7.00 | 2.96 |
| | 87914-4415 | ----- | ----- | ----- | ----- | 44 | ---- | 5 | 55.88 | 53.34 | 10.92 | 5.84 | 2.79 |
| | 87914-4425 | ----- | ----- | ----- | ----- | 44 | ---- | 5 | 55.88 | 53.34 | 12.25 | 7.00 | 2.96 |
| | 87914-4416 | ----- | ----- | ----- | ----- | 44 | ---- | 6 | 55.88 | 53.34 | 10.92 | 5.84 | 2.79 |
| | 87914-4426 | ----- | ----- | ----- | ----- | 44 | ---- | 6 | 55.88 | 53.34 | 12.25 | 7.00 | 2.96 |
| D | | | | | | | | | | | | | |
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|---|--|---------------------------------------|--|-----------------|---|--|--------------|------------------------|
| SEE SHEET 14 IEC NO: S2015-1512 DRW: N/RAJAKRI SHINA 2015/06/25 CHKD: ATSEE 2015/06/25 APPR: KPRASAD 2015/07/15 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | $\nabla_F = 0$ $\nabla_E = 0$ $\nabla_P = 0$ | mm | INCH | MM ONLY | | NTS | METRIC | |
| | | 4 PLACES ± --- ± --- | | DRAWN BY | DATE | TITLE | | |
| | | 3 PLACES ± --- ± --- | | KCHO | 2004/11/05 | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | |
| | 2 PLACES ± 0.20 ± --- | | CHECKED BY | DATE | molex | | | |
| | 1 PLACE ± --- ± --- | | PTLIM | 2004/12/08 | | | | |
| | 0 PLACE ± ± | | APPROVED BY | DATE | DOCUMENT NO. | | | |
| | | | MLONG | 2010/09/06 | SD-87914-013 | | | |
| | | | MATERIAL NO. | | SHEET NO. | | | |
| | | | | | 27 OF 45 | | | |
| | | | ANGULAR ± 3 ° | | | | | |
| | | | 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 | | | |
| | | | | A3 | | | | |

| | 10 | | 9 | | 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | |
|---|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|--|---|--|---|--|---|--|
| | PART NO FOR TRAY PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | | | | | | | |
| | | | | | | | | | A | B | F | M | P | | | | | | | |
| F | 87914-4611 | ----- | ----- | ----- | ----- | 46 | ---- | 1 | 58.42 | 55.88 | 10.92 | 5.84 | 2.79 | | | | | | | |
| | 87914-4621 | ----- | ----- | ----- | ----- | 46 | ---- | 1 | 58.42 | 55.88 | 12.25 | 7.00 | 2.96 | | | | | | | |
| | 87914-4612 | ----- | ----- | ----- | ----- | 46 | ---- | 2 | 58.42 | 55.88 | 10.92 | 5.84 | 2.79 | | | | | | | |
| | 87914-4622 | ----- | ----- | ----- | ----- | 46 | ---- | 2 | 58.42 | 55.88 | 12.25 | 7.00 | 2.96 | | | | | | | |
| | 87914-4613 | ----- | ----- | ----- | ----- | 46 | ---- | 3 | 58.42 | 55.88 | 10.92 | 5.84 | 2.79 | | | | | | | |
| | 87914-4623 | ----- | ----- | ----- | ----- | 46 | ---- | 3 | 58.42 | 55.88 | 12.25 | 7.00 | 2.96 | | | | | | | |
| E | 87914-4614 | ----- | ----- | ----- | ----- | 46 | ---- | 4 | 58.42 | 55.88 | 10.92 | 5.84 | 2.79 | | | | | | | |
| | 87914-4624 | ----- | ----- | ----- | ----- | 46 | ---- | 4 | 58.42 | 55.88 | 12.25 | 7.00 | 2.96 | | | | | | | |
| | 87914-4615 | ----- | ----- | ----- | ----- | 46 | ---- | 5 | 58.42 | 55.88 | 10.92 | 5.84 | 2.79 | | | | | | | |
| | 87914-4625 | ----- | ----- | ----- | ----- | 46 | ---- | 5 | 58.42 | 55.88 | 12.25 | 7.00 | 2.96 | | | | | | | |
| | 87914-4616 | ----- | ----- | ----- | ----- | 46 | ---- | 6 | 58.42 | 55.88 | 10.92 | 5.84 | 2.79 | | | | | | | |
| | 87914-4626 | ----- | ----- | ----- | ----- | 46 | ---- | 6 | 58.42 | 55.88 | 12.25 | 7.00 | 2.96 | | | | | | | |
| D | | | | | | | | | | | | | | | | | | | | |
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| B | | | | | | | | | | | | | | | | | | | | |
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| SEE SHEET 14 IEC NO: S2015-1512 DRW: N/RA/MAKRI SHINA 2015/06/25 CHKD: ATSEE 2015/06/25 APPR: KPRASAD 2015/07/15 REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|-----------------|--------------|--------------|---|-------|----------|----------|-------|---------|----------|--------|---------|---------|-------|--|----------|------|------|------------|------------|--------|-------|------------|-------------|------|-------|------------|--|--|--|--|
| | $\nabla_F = 0$ $\nabla_E = 0$ $\nabla_P = 0$ | <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>± 0.20</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> <tr><td>0 PLACE</td><td>±</td><td>±</td></tr> </table> | mm | | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.20 | ± --- | 1 PLACE | ± --- | ± --- | 0 PLACE | ± | ± | MM ONLY | NTS | METRIC | | | | | | | | | | |
| | mm | | INCH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.20 | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <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> <tr><td>0 PLACE</td><td>±</td><td>±</td></tr> </table> | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.20 | ± --- | 1 PLACE | ± --- | ± --- | 0 PLACE | ± | ± | <table border="1"> <tr><th>DRAWN BY</th><th>DATE</th></tr> <tr><td>KCHO</td><td>2004/11/05</td></tr> <tr><th>CHECKED BY</th><th>DATE</th></tr> <tr><td>PTLIM</td><td>2004/12/08</td></tr> <tr><th>APPROVED BY</th><th>DATE</th></tr> <tr><td>MLONG</td><td>2010/09/06</td></tr> </table> | DRAWN BY | DATE | KCHO | 2004/11/05 | CHECKED BY | DATE | PTLIM | 2004/12/08 | APPROVED BY | DATE | MLONG | 2010/09/06 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | |
| 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.20 | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KCHO | 2004/11/05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHECKED BY | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTLIM | 2004/12/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APPROVED BY | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MLONG | 2010/09/06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D15 | ANGULAR ± 3 ° | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE TABLE | MATERIAL NO. | DOCUMENT NO. | molex SD-87914-013 SHEET NO. 28 OF 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| PART NO FOR BULK PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|------------|-------|-------|-------|
| | | | | | | | | A | B | F | M | P |
| | | | | | | | | F | 87914-5211 | ----- | ----- | ----- |
| | 87914-5221 | ----- | ----- | ----- | 52 | ---- | 1 | 66.04 | 63.50 | 12.25 | 7,00 | 2.96 |
| | 87914-5212 | ----- | ----- | ----- | 52 | ---- | 2 | 66.04 | 63.50 | 10.92 | 5,84 | 2.79 |
| | 87914-5222 | ----- | ----- | ----- | 52 | ---- | 2 | 66.04 | 63.50 | 12.25 | 7,00 | 2.96 |
| | 87914-5213 | ----- | ----- | ----- | 52 | ---- | 3 | 66.04 | 63.50 | 10.92 | 5,84 | 2.79 |
| | 87914-5223 | ----- | ----- | ----- | 52 | ---- | 3 | 66.04 | 63.50 | 12.25 | 7,00 | 2.96 |
| E | 87914-5214 | ----- | ----- | ----- | 52 | ---- | 4 | 66.04 | 63.50 | 10.92 | 5,84 | 2.79 |
| | 87914-5224 | ----- | ----- | ----- | 52 | ---- | 4 | 66.04 | 63.50 | 12.25 | 7,00 | 2.96 |
| | 87914-5215 | ----- | ----- | ----- | 52 | ---- | 5 | 66.04 | 63.50 | 10.92 | 5,84 | 2.79 |
| | 87914-5225 | ----- | ----- | ----- | 52 | ---- | 5 | 66.04 | 63.50 | 12.25 | 7,00 | 2.96 |
| | 87914-5216 | ----- | ----- | ----- | 52 | ---- | 6 | 66.04 | 63.50 | 10.92 | 5,84 | 2.79 |
| | 87914-5226 | ----- | ----- | ----- | 52 | ---- | 6 | 66.04 | 63.50 | 12.25 | 7,00 | 2.96 |
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|---|---|---------------------------------------|------------------------------|----------------------------|-----------------------|--|------------------------|--------------------|---|--------------------|--------------|
| SEE SHEET 14 IEC NO: S2015-1512 DRAWN: PRAMAKRI SHINA 2015/06/25 CHKD: ATSEE 2015/06/25 APPR: KRASAD 2015/07/15 | QUALITY SYMBOLS $\nabla_F = 0$ $\nabla_F = 0$ $\nabla_F = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | | |
| | | 4 PLACES \pm --- \pm --- | 3 PLACES \pm --- \pm --- | mm | INCH | DRAWN BY KCHO | | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | |
| | | 2 PLACES ± 0.20 \pm --- | 1 PLACE \pm --- \pm --- | 0 PLACE \pm \pm | ANGULAR $\pm 3^\circ$ | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | CHECKED BY PTLIM | DATE 2004/12/08 | APPROVED BY MLONG | DATE 2010/09/06 | MATERIAL NO. |

| F | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | |
|---|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|
| | PART NO FOR BULK PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
| | | | | | | | | A | B | F | M | P | |
| F | 87914-5411 | ----- | ----- | ----- | ----- | 54 | ---- | 1 | 68.58 | 66.04 | 10.92 | 5.84 | 2.79 |
| | 87914-5421 | ----- | ----- | ----- | ----- | 54 | ---- | 1 | 68.58 | 66.04 | 12.25 | 7.00 | 2.96 |
| | 87914-5412 | ----- | ----- | ----- | ----- | 54 | ---- | 2 | 68.58 | 66.04 | 10.92 | 5.84 | 2.79 |
| | 87914-5422 | ----- | ----- | ----- | ----- | 54 | ---- | 2 | 68.58 | 66.04 | 12.25 | 7.00 | 2.96 |
| | 87914-5413 | ----- | ----- | ----- | ----- | 54 | ---- | 3 | 68.58 | 66.04 | 10.92 | 5.84 | 2.79 |
| | 87914-5423 | ----- | ----- | ----- | ----- | 54 | ---- | 3 | 68.58 | 66.04 | 12.25 | 7.00 | 2.96 |
| E | 87914-5414 | ----- | ----- | ----- | ----- | 54 | ---- | 4 | 68.58 | 66.04 | 10.92 | 5.84 | 2.79 |
| | 87914-5424 | ----- | ----- | ----- | ----- | 54 | ---- | 4 | 68.58 | 66.04 | 12.25 | 7.00 | 2.96 |
| | 87914-5415 | ----- | ----- | ----- | ----- | 54 | ---- | 5 | 68.58 | 66.04 | 10.92 | 5.84 | 2.79 |
| | 87914-5425 | ----- | ----- | ----- | ----- | 54 | ---- | 5 | 68.58 | 66.04 | 12.25 | 7.00 | 2.96 |
| | 87914-5416 | ----- | ----- | ----- | ----- | 54 | ---- | 6 | 68.58 | 66.04 | 10.92 | 5.84 | 2.79 |
| | 87914-5426 | ----- | ----- | ----- | ----- | 54 | ---- | 6 | 68.58 | 66.04 | 12.25 | 7.00 | 2.96 |
| D | | | | | | | | | | | | | |
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|--|---|--|---------|-----------------------------------|--------------------|--|-------------------------------|-------------------------------|--|--|-------------------------------------|--|
| SEE SHEET 14 IEC NO: S2015-1512 DRW:NRAMAKRI SHINA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 | QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | | |
| | | 4 PLACES ± --- ± --- | mm INCH | DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | | | | |
| | | 3 PLACES ± --- ± --- | | CHECKED BY PTLIM | DATE 2004/12/08 | | | | | | | |
| | | 2 PLACES ± 0.20 ± --- | | APPROVED BY MLONG | DATE 2010/09/06 | | | | | | | |
| | | 1 PLACE ± --- ± --- | | MATERIAL NO. SEE TABLE | | | | | | | DOCUMENT NO. SD-87914-013 | |
| 0 PLACE ± ± | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | | | | | |

| PART NO FOR BULK PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|
| | | | | | | | | A | B | F | M | P |
| 87914-5611 | ----- | ----- | ----- | ----- | 56 | ---- | 1 | 71.12 | 68.58 | 10.92 | 5.84 | 2.79 |
| 87914-5621 | ----- | ----- | ----- | ----- | 56 | ---- | 1 | 71.12 | 68.58 | 12.25 | 7.00 | 2.96 |
| 87914-5612 | ----- | ----- | ----- | ----- | 56 | ---- | 2 | 71.12 | 68.58 | 10.92 | 5.84 | 2.79 |
| 87914-5622 | ----- | ----- | ----- | ----- | 56 | ---- | 2 | 71.12 | 68.58 | 12.25 | 7.00 | 2.96 |
| 87914-5613 | ----- | ----- | ----- | ----- | 56 | ---- | 3 | 71.12 | 68.58 | 10.92 | 5.84 | 2.79 |
| 87914-5623 | ----- | ----- | ----- | ----- | 56 | ---- | 3 | 71.12 | 68.58 | 12.25 | 7.00 | 2.96 |
| 87914-5614 | ----- | ----- | ----- | ----- | 56 | ---- | 4 | 71.12 | 68.58 | 10.92 | 5.84 | 2.79 |
| 87914-5624 | ----- | ----- | ----- | ----- | 56 | ---- | 4 | 71.12 | 68.58 | 12.25 | 7.00 | 2.96 |
| 87914-5615 | ----- | ----- | ----- | ----- | 56 | ---- | 5 | 71.12 | 68.58 | 10.92 | 5.84 | 2.79 |
| 87914-5625 | ----- | ----- | ----- | ----- | 56 | ---- | 5 | 71.12 | 68.58 | 12.25 | 7.00 | 2.96 |
| 87914-5616 | ----- | ----- | ----- | ----- | 56 | ---- | 6 | 71.12 | 68.58 | 10.92 | 5.84 | 2.79 |
| 87914-5626 | ----- | ----- | ----- | ----- | 56 | ---- | 6 | 71.12 | 68.58 | 12.25 | 7.00 | 2.96 |
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| SEE SHEET 14 IEC NO: S2015-1512 DRW:MRAMAKRI SHINA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | $\nabla_F = 0$ | mm INCH | MM ONLY | NTS | METRIC | |
| | $\nabla_F = 0$ | 4 PLACES ± --- ± --- | DRAWN BY DATE | TITLE | | |
| | $\nabla_F = 0$ | 3 PLACES ± --- ± --- | KCHO 2004/11/05 | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | |
| | $\nabla_F = 0$ | 2 PLACES ± 0.20 ± --- | CHECKED BY DATE | molex | | |
| | 1 PLACE ± --- ± --- | PTLIM 2004/12/08 | SD-87914-013 | | | |
| | 0 PLACE ± ± | APPROVED BY DATE | SHEET NO. 33 OF 45 | | | |
| | ANGULAR ± 3 ° | MLONG 2010/09/06 | INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. | SEE TABLE | | | |

| 10 | | 9 | | 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | |
|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|--|---|--|---|--|---|--|
| PART NO FOR BULK PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | | | | | | | |
| | | | | | | | | A | B | F | M | P | | | | | | | |
| 87914-5811 | ----- | ----- | ----- | ----- | 58 | ---- | 1 | 73.66 | 71.12 | 10.92 | 5.84 | 2.79 | | | | | | | |
| 87914-5821 | ----- | ----- | ----- | ----- | 58 | ---- | 1 | 73.66 | 71.12 | 12.25 | 7.00 | 2.96 | | | | | | | |
| 87914-5812 | ----- | ----- | ----- | ----- | 58 | ---- | 2 | 73.66 | 71.12 | 10.92 | 5.84 | 2.79 | | | | | | | |
| 87914-5822 | ----- | ----- | ----- | ----- | 58 | ---- | 2 | 73.66 | 71.12 | 12.25 | 7.00 | 2.96 | | | | | | | |
| 87914-5813 | ----- | ----- | ----- | ----- | 58 | ---- | 3 | 73.66 | 71.12 | 10.92 | 5.84 | 2.79 | | | | | | | |
| 87914-5823 | ----- | ----- | ----- | ----- | 58 | ---- | 3 | 73.66 | 71.12 | 12.25 | 7.00 | 2.96 | | | | | | | |
| 87914-5814 | ----- | ----- | ----- | ----- | 58 | ---- | 4 | 73.66 | 71.12 | 10.92 | 5.84 | 2.79 | | | | | | | |
| 87914-5824 | ----- | ----- | ----- | ----- | 58 | ---- | 4 | 73.66 | 71.12 | 12.25 | 7.00 | 2.96 | | | | | | | |
| 87914-5815 | ----- | ----- | ----- | ----- | 58 | ---- | 5 | 73.66 | 71.12 | 10.92 | 5.84 | 2.79 | | | | | | | |
| 87914-5825 | ----- | ----- | ----- | ----- | 58 | ---- | 5 | 73.66 | 71.12 | 12.25 | 7.00 | 2.96 | | | | | | | |
| 87914-5816 | ----- | ----- | ----- | ----- | 58 | ---- | 6 | 73.66 | 71.12 | 10.92 | 5.84 | 2.79 | | | | | | | |
| 87914-5826 | ----- | ----- | ----- | ----- | 58 | ---- | 6 | 73.66 | 71.12 | 12.25 | 7.00 | 2.96 | | | | | | | |
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| SEE SHEET 14 IEC NO: S2015-1512 DRW:MRAMAKRI SHINA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 | QUALITY SYMBOLS | 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 colspan="2">± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td colspan="2">± ---</td></tr> <tr><td>2 PLACES</td><td>± 0.20</td><td colspan="2">± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td colspan="2">± ---</td></tr> <tr><td>0 PLACE</td><td>±</td><td colspan="2">±</td></tr> </table> | | mm | | INCH | | 4 PLACES | ± --- | ± --- | | 3 PLACES | ± --- | ± --- | | 2 PLACES | ± 0.20 | ± --- | | 1 PLACE | ± --- | ± --- | | 0 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 | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY: KCHO DATE: 2004/11/05 CHECKED BY: PTLIM DATE: 2004/12/08 APPROVED BY: MLONG DATE: 2010/09/06 | | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATERIAL NO. | | DOCUMENT NO. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE TABLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIZE A3 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| PART NO FOR BULK PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|
| | | | | | | | | A | B | F | M | P |
| F | 87914-6011 | ----- | ----- | ----- | 60 | ----- | 1 | 76.20 | 73.66 | 10.92 | 5.84 | 2.79 |
| | 87914-6021 | ----- | ----- | ----- | 60 | ----- | 1 | 76.20 | 73.66 | 12.25 | 7.00 | 2.96 |
| | 87914-6012 | ----- | ----- | ----- | 60 | ----- | 2 | 76.20 | 73.66 | 10.92 | 5.84 | 2.79 |
| | 87914-6022 | ----- | ----- | ----- | 60 | ----- | 2 | 76.20 | 73.66 | 12.25 | 7.00 | 2.96 |
| | 87914-6013 | ----- | ----- | ----- | 60 | ----- | 3 | 76.20 | 73.66 | 10.92 | 5.84 | 2.79 |
| | 87914-6023 | ----- | ----- | ----- | 60 | ----- | 3 | 76.20 | 73.66 | 12.25 | 7.00 | 2.96 |
| E | 87914-6014 | ----- | ----- | ----- | 60 | ----- | 4 | 76.20 | 73.66 | 10.92 | 5.84 | 2.79 |
| | 87914-6024 | ----- | ----- | ----- | 60 | ----- | 4 | 76.20 | 73.66 | 12.25 | 7.00 | 2.96 |
| | 87914-6015 | ----- | ----- | ----- | 60 | ----- | 5 | 76.20 | 73.66 | 10.92 | 5.84 | 2.79 |
| | 87914-6025 | ----- | ----- | ----- | 60 | ----- | 5 | 76.20 | 73.66 | 12.25 | 7.00 | 2.96 |
| | 87914-6016 | ----- | ----- | ----- | 60 | ----- | 6 | 76.20 | 73.66 | 10.92 | 5.84 | 2.79 |
| | 87914-6026 | ----- | ----- | ----- | 60 | ----- | 6 | 76.20 | 73.66 | 12.25 | 7.00 | 2.96 |
| D | | | | | | | | | | | | |
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|--|---------------------|---|------------|-----------------------------------|--------------------|--|------------------------|------------------------------|--|-----------------------|--|
| SEE SHEET 14 IEC NO: S2015-1512 DRW: N/RAJAKRI SHINA 2015/06/25 CHK: D/ATSEE 2015/06/25 APPR: K/PRASAD 2015/07/15 | QUALITY SYMBOLS | 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 ± --- ± --- 0 PLACE ± ± | mm INCH | DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | | | |
| | | ANGULAR ± 3 ° | | CHECKED BY PTLIM | DATE 2004/12/08 | molex | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY MLONG | DATE 2010/09/06 | MATERIAL NO. SEE TABLE | | DOCUMENT NO. SD-87914-013 | | SHEET NO. 35 OF 45 | |

| | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | |
|---|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|
| F | PART NO FOR BULK PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
| | | | | | | | | | A | B | F | M | P |
| | 87914-6211 | ----- | ----- | ----- | ----- | 62 | ---- | 1 | 78.74 | 76.20 | 10.92 | 5.84 | 2.79 |
| | 87914-6221 | ----- | ----- | ----- | ----- | 62 | ---- | 1 | 78.74 | 76.20 | 12.25 | 7.00 | 2.96 |
| | 87914-6212 | ----- | ----- | ----- | ----- | 62 | ---- | 2 | 78.74 | 76.20 | 10.92 | 5.84 | 2.79 |
| | 87914-6222 | ----- | ----- | ----- | ----- | 62 | ---- | 2 | 78.74 | 76.20 | 12.25 | 7.00 | 2.96 |
| | 87914-6213 | ----- | ----- | ----- | ----- | 62 | ---- | 3 | 78.74 | 76.20 | 10.92 | 5.84 | 2.79 |
| | 87914-6223 | ----- | ----- | ----- | ----- | 62 | ---- | 3 | 78.74 | 76.20 | 12.25 | 7.00 | 2.96 |
| E | 87914-6214 | ----- | ----- | ----- | ----- | 62 | ---- | 4 | 78.74 | 76.20 | 10.92 | 5.84 | 2.79 |
| | 87914-6224 | ----- | ----- | ----- | ----- | 62 | ---- | 4 | 78.74 | 76.20 | 12.25 | 7.00 | 2.96 |
| | 87914-6215 | ----- | ----- | ----- | ----- | 62 | ---- | 5 | 78.74 | 76.20 | 10.92 | 5.84 | 2.79 |
| | 87914-6225 | ----- | ----- | ----- | ----- | 62 | ---- | 5 | 78.74 | 76.20 | 12.25 | 7.00 | 2.96 |
| | 87914-6216 | ----- | ----- | ----- | ----- | 62 | ---- | 6 | 78.74 | 76.20 | 10.92 | 5.84 | 2.79 |
| | 87914-6226 | ----- | ----- | ----- | ----- | 62 | ---- | 6 | 78.74 | 76.20 | 12.25 | 7.00 | 2.96 |
| D | | | | | | | | | | | | | |
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|--|--|--|---|--------------|------------------------|------------------------|-------|-------|----------|-------|-------|----------|--------|-------|---------|-------|-------|---------|---|---|---|----------|------|-------|------|------------|--|------------|------|-------|------------|---|-------------|------|-------|------------|--|--------------|--------------|--|-----------|--------------|
| SEE SHEET 14 IEC NO: S2015-1512 DRW:N/PRAMAKRI SHINA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE MM ONLY | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | $\nabla_F = 0$ $\nabla_{F1} = 0$ $\nabla_{F2} = 0$ | <table border="0"> <tr> <td></td> <td>mm</td> <td>INCH</td> </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> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </table> | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.20 | ± --- | 1 PLACE | ± --- | ± --- | 0 PLACE | ± | ± | <table border="0"> <tr> <td>DRAWN BY</td> <td>DATE</td> <td>TITLE</td> </tr> <tr> <td>KCHO</td> <td>2004/11/05</td> <td rowspan="2">2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> </tr> <tr> <td>PTLIM</td> <td>2004/12/08</td> <td rowspan="3"> <div style="text-align: center; font-weight: bold; font-size: 1.2em;">molex</div> </td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> </tr> <tr> <td>MLONG</td> <td>2010/09/06</td> </tr> <tr> <td></td> <td>MATERIAL NO.</td> <td>DOCUMENT NO.</td> </tr> <tr> <td></td> <td>SEE TABLE</td> <td>SD-87914-013</td> </tr> </table> | DRAWN BY | DATE | TITLE | KCHO | 2004/11/05 | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | CHECKED BY | DATE | PTLIM | 2004/12/08 | <div style="text-align: center; font-weight: bold; font-size: 1.2em;">molex</div> | APPROVED BY | DATE | MLONG | 2010/09/06 | | MATERIAL NO. | DOCUMENT NO. | | SEE TABLE | SD-87914-013 |
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 PLACES | ± 0.20 | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY | DATE | TITLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KCHO | 2004/11/05 | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHECKED BY | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTLIM | 2004/12/08 | <div style="text-align: center; font-weight: bold; font-size: 1.2em;">molex</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APPROVED BY | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MLONG | 2010/09/06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MATERIAL NO. | DOCUMENT NO. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SEE TABLE | SD-87914-013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANGULAR ± 3 ° | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SIZE A3 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | SHEET NO. 36 OF 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | | | | | |
|----|------------|-------|-------|-------|-------|----|------|---|-------|----------------------------|---|--------------------------------------|--|---|----------|---------------|
| | | | | | | | | | | PART NO FOR BULK PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION |
| | | | | | | | | A | B | F | M | P | | | | |
| F | 87914-6411 | ----- | ----- | ----- | ----- | 64 | ---- | 1 | 81.28 | 78.74 | 10.92 | 5.84 | 2.79 | | | |
| | 87914-6421 | ----- | ----- | ----- | ----- | 64 | ---- | 1 | 81.28 | 78.74 | 12.25 | 7.00 | 2.96 | | | |
| | 87914-6412 | ----- | ----- | ----- | ----- | 64 | ---- | 2 | 81.28 | 78.74 | 10.92 | 5.84 | 2.79 | | | |
| | 87914-6422 | ----- | ----- | ----- | ----- | 64 | ---- | 2 | 81.28 | 78.74 | 12.25 | 7.00 | 2.96 | | | |
| | 87914-6413 | ----- | ----- | ----- | ----- | 64 | ---- | 3 | 81.28 | 78.74 | 10.92 | 5.84 | 2.79 | | | |
| | 87914-6423 | ----- | ----- | ----- | ----- | 64 | ---- | 3 | 81.28 | 78.74 | 12.25 | 7.00 | 2.96 | | | |
| E | 87914-6414 | ----- | ----- | ----- | ----- | 64 | ---- | 4 | 81.28 | 78.74 | 10.92 | 5.84 | 2.79 | | | |
| | 87914-6424 | ----- | ----- | ----- | ----- | 64 | ---- | 4 | 81.28 | 78.74 | 12.25 | 7.00 | 2.96 | | | |
| | 87914-6415 | ----- | ----- | ----- | ----- | 64 | ---- | 5 | 81.28 | 78.74 | 10.92 | 5.84 | 2.79 | | | |
| | 87914-6425 | ----- | ----- | ----- | ----- | 64 | ---- | 5 | 81.28 | 78.74 | 12.25 | 7.00 | 2.96 | | | |
| | 87914-6416 | ----- | ----- | ----- | ----- | 64 | ---- | 6 | 81.28 | 78.74 | 10.92 | 5.84 | 2.79 | | | |
| | 87914-6426 | ----- | ----- | ----- | ----- | 64 | ---- | 6 | 81.28 | 78.74 | 12.25 | 7.00 | 2.96 | | | |
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|--|------------------------------------|--|--|--|--------------------|--|-------------------------------|-------------------------------|--|--|
| SEE SHEET 14 IEC NO: S2015-1512 DRW:MRAMAKRI SHINA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | |
| | | | | DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | | |
| | | | | CHECKED BY PTLIM | DATE 2004/12/08 | | | | | |
| | | | | APPROVED BY MLONG | DATE 2010/09/06 | | | | | |
| | | | | MATERIAL NO. | | | | | | |
| D15 | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE TABLE | | SD-87914-013 | | 37 OF 45 | | |

| | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | |
|---|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|
| | PART NO FOR BULK PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
| | | | | | | | | A | B | F | M | P | |
| F | 87914-6611 | ----- | ----- | ----- | ----- | 66 | ---- | 1 | 83.82 | 81.28 | 10.92 | 5.84 | 2.79 |
| | 87914-6621 | ----- | ----- | ----- | ----- | 66 | ---- | 1 | 83.82 | 81.28 | 12.25 | 7.00 | 2.96 |
| | 87914-6612 | ----- | ----- | ----- | ----- | 66 | ---- | 2 | 83.82 | 81.28 | 10.92 | 5.84 | 2.79 |
| | 87914-6622 | ----- | ----- | ----- | ----- | 66 | ---- | 2 | 83.82 | 81.28 | 12.25 | 7.00 | 2.96 |
| | 87914-6613 | ----- | ----- | ----- | ----- | 66 | ---- | 3 | 83.82 | 81.28 | 10.92 | 5.84 | 2.79 |
| | 87914-6623 | ----- | ----- | ----- | ----- | 66 | ---- | 3 | 83.82 | 81.28 | 12.25 | 7.00 | 2.96 |
| E | 87914-6614 | ----- | ----- | ----- | ----- | 66 | ---- | 4 | 83.82 | 81.28 | 10.92 | 5.84 | 2.79 |
| | 87914-6624 | ----- | ----- | ----- | ----- | 66 | ---- | 4 | 83.82 | 81.28 | 12.25 | 7.00 | 2.96 |
| | 87914-6615 | ----- | ----- | ----- | ----- | 66 | ---- | 5 | 83.82 | 81.28 | 10.92 | 5.84 | 2.79 |
| | 87914-6625 | ----- | ----- | ----- | ----- | 66 | ---- | 5 | 83.82 | 81.28 | 12.25 | 7.00 | 2.96 |
| | 87914-6616 | ----- | ----- | ----- | ----- | 66 | ---- | 6 | 83.82 | 81.28 | 10.92 | 5.84 | 2.79 |
| | 87914-6626 | ----- | ----- | ----- | ----- | 66 | ---- | 6 | 83.82 | 81.28 | 12.25 | 7.00 | 2.96 |
| D | | | | | | | | | | | | | |
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| B | | | | | | | | | | | | | |
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| SEE SHEET 14 IEC NO: S2015-1512 DRAWN: RAMAKRISHNA 2015/06/25 CHKD: ATSEE 2015/06/25 APPR: KPRASAD 2015/07/15 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | | | | | | | | | | | | | | | | | | |
|---|---|--|-----------------|--------------|--------------|------------------------|------------|------------|----------|-------|-------|----------|------------|-------------|---------|-------|-------|---------|------------|-------|--|-----|--------|--|
| | $\nabla_F = 0$ $\nabla_E = 0$ $\nabla_P = 0$ | <table border="1"> <tr><th></th><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± 0.20</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> <tr><td>0 PLACE</td><td>±</td><td>±</td></tr> </table> | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.20 | ± --- | 1 PLACE | ± --- | ± --- | 0 PLACE | ± | ± | MM ONLY | NTS | METRIC | |
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | | |
| 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.20 | ± --- | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | | |
| DESCRIPTION | <table border="1"> <tr><th colspan="2">DRAWN BY</th><th>DATE</th></tr> <tr><td>KCHO</td><td></td><td>2004/11/05</td></tr> <tr><th colspan="2">CHECKED BY</th><th>DATE</th></tr> <tr><td>PTLIM</td><td></td><td>2004/12/08</td></tr> <tr><th colspan="2">APPROVED BY</th><th>DATE</th></tr> <tr><td>MLONG</td><td></td><td>2010/09/06</td></tr> </table> | DRAWN BY | | DATE | KCHO | | 2004/11/05 | CHECKED BY | | DATE | PTLIM | | 2004/12/08 | APPROVED BY | | DATE | MLONG | | 2010/09/06 | TITLE | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | |
| DRAWN BY | | DATE | | | | | | | | | | | | | | | | | | | | | | |
| KCHO | | 2004/11/05 | | | | | | | | | | | | | | | | | | | | | | |
| CHECKED BY | | DATE | | | | | | | | | | | | | | | | | | | | | | |
| PTLIM | | 2004/12/08 | | | | | | | | | | | | | | | | | | | | | | |
| APPROVED BY | | DATE | | | | | | | | | | | | | | | | | | | | | | |
| MLONG | | 2010/09/06 | | | | | | | | | | | | | | | | | | | | | | |
| REV | ANGULAR ± 3 ° | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE TABLE | MATERIAL NO. | DOCUMENT NO. | SHEET NO. | | | | | | | | | | | | | | | | | | |
| D15 | | | | | SD-87914-013 | 38 OF 45 | | | | | | | | | | | | | | | | | | |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | |
|---|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|
| | PART NO FOR BULK PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
| | A | B | F | M | P | | | | | | | | |
| F | 87914-6811 | ----- | ----- | ----- | ----- | 68 | ---- | 1 | 86.36 | 83.82 | 10.92 | 5.84 | 2.79 |
| | 87914-6821 | ----- | ----- | ----- | ----- | 68 | ---- | 1 | 86.36 | 83.82 | 12.25 | 7.00 | 2.96 |
| | 87914-6812 | ----- | ----- | ----- | ----- | 68 | ---- | 2 | 86.36 | 83.82 | 10.92 | 5.84 | 2.79 |
| | 87914-6822 | ----- | ----- | ----- | ----- | 68 | ---- | 2 | 86.36 | 83.82 | 12.25 | 7.00 | 2.96 |
| | 87914-6813 | ----- | ----- | ----- | ----- | 68 | ---- | 3 | 86.36 | 83.82 | 10.92 | 5.84 | 2.79 |
| | 87914-6823 | ----- | ----- | ----- | ----- | 68 | ---- | 3 | 86.36 | 83.82 | 12.25 | 7.00 | 2.96 |
| E | 87914-6814 | ----- | ----- | ----- | ----- | 68 | ---- | 4 | 86.36 | 83.82 | 10.92 | 5.84 | 2.79 |
| | 87914-6824 | ----- | ----- | ----- | ----- | 68 | ---- | 4 | 86.36 | 83.82 | 12.25 | 7.00 | 2.96 |
| | 87914-6815 | ----- | ----- | ----- | ----- | 68 | ---- | 5 | 86.36 | 83.82 | 10.92 | 5.84 | 2.79 |
| | 87914-6825 | ----- | ----- | ----- | ----- | 68 | ---- | 5 | 86.36 | 83.82 | 12.25 | 7.00 | 2.96 |
| | 87914-6816 | ----- | ----- | ----- | ----- | 68 | ---- | 6 | 86.36 | 83.82 | 10.92 | 5.84 | 2.79 |
| | 87914-6826 | ----- | ----- | ----- | ----- | 68 | ---- | 6 | 86.36 | 83.82 | 12.25 | 7.00 | 2.96 |
| D | | | | | | | | | | | | | |
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|--|---|--|--|--|--|---|--|-------------------------------|--|
| <p>SEE SHEET 14</p> <p>EC NO: S2015-1512</p> <p>DRW: N/RA/MAKRI SHINA 2015/06/25</p> <p>CHKD: ATSEE 2015/06/25</p> <p>APPR: KPRASAD 2015/07/15</p> | <p>QUALITY SYMBOLS</p> <p>$\nabla_F = 0$</p> <p>$\nabla_E = 0$</p> <p>$\nabla_P = 0$</p> | <p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> | | <p>DIMENSION STYLE</p> <p>MM ONLY</p> | | <p>SCALE</p> <p>NTS</p> | <p>DESIGN UNITS</p> <p>METRIC</p> | <p>THIRD ANGLE PROJECTION</p> | |
| | | <p>mm INCH</p> | | <p>DRAWN BY DATE</p> | | <p>TITLE</p> <p>2.54MM PITCH</p> <p>DUAL ROW HEADER</p> <p>SINGLE WAFER, T/H</p> | | | |
| | | <p>4 PLACES ± --- ± ---</p> <p>3 PLACES ± --- ± ---</p> <p>2 PLACES ± 0.20 ± ---</p> <p>1 PLACE ± --- ± ---</p> <p>0 PLACE ± ±</p> | | <p>CHECKED BY DATE</p> <p>PTLIM 2004/12/08</p> | | | | | |
| | | <p>ANGULAR ± 3 °</p> | | <p>APPROVED BY DATE</p> <p>MLONG 2010/09/06</p> | | <p>molex</p> | | | |
| | | <p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p> | | <p>MATERIAL NO.</p> <p>SEE TABLE</p> | | | | | |
| | | <p>SIZE</p> <p>A3</p> | | <p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p> | | | | | |

| | | | | | | | | | | | | | |
|---|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|
| | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | |
| | PART NO FOR BULK PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
| A | | | | | | | | | B | F | M | P | |
| F | 87914-7011 | ----- | ----- | ----- | ----- | 70 | ----- | 1 | 88.90 | 86.36 | 10.92 | 5.84 | 2.79 |
| | 87914-7021 | ----- | ----- | ----- | ----- | 70 | ----- | 1 | 88.90 | 86.36 | 12.25 | 7.00 | 2.96 |
| | 87914-7012 | ----- | ----- | ----- | ----- | 70 | ----- | 2 | 88.90 | 86.36 | 10.92 | 5.84 | 2.79 |
| | 87914-7022 | ----- | ----- | ----- | ----- | 70 | ----- | 2 | 88.90 | 86.36 | 12.25 | 7.00 | 2.96 |
| | 87914-7013 | ----- | ----- | ----- | ----- | 70 | ----- | 3 | 88.90 | 86.36 | 10.92 | 5.84 | 2.79 |
| | 87914-7023 | ----- | ----- | ----- | ----- | 70 | ----- | 3 | 88.90 | 86.36 | 12.25 | 7.00 | 2.96 |
| E | 87914-7014 | ----- | ----- | ----- | ----- | 70 | ----- | 4 | 88.90 | 86.36 | 10.92 | 5.84 | 2.79 |
| | 87914-7024 | ----- | ----- | ----- | ----- | 70 | ----- | 4 | 88.90 | 86.36 | 12.25 | 7.00 | 2.96 |
| | 87914-7015 | ----- | ----- | ----- | ----- | 70 | ----- | 5 | 88.90 | 86.36 | 10.92 | 5.84 | 2.79 |
| | 87914-7025 | ----- | ----- | ----- | ----- | 70 | ----- | 5 | 88.90 | 86.36 | 12.25 | 7.00 | 2.96 |
| | 87914-7016 | ----- | ----- | ----- | ----- | 70 | ----- | 6 | 88.90 | 86.36 | 10.92 | 5.84 | 2.79 |
| | 87914-7026 | ----- | ----- | ----- | ----- | 70 | ----- | 6 | 88.90 | 86.36 | 12.25 | 7.00 | 2.96 |
| D | | | | | | | | | | | | | |
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| B | | | | | | | | | | | | | |

| SEE SHEET 14 IEC NO: S2015-1512 DRW:N/PRAMAKRI SHINA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 | QUALITY SYMBOLS | 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> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </table> | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.20 | ± --- | 1 PLACE | ± --- | ± --- | 0 PLACE | ± | ± | DIMENSION STYLE MM ONLY DRAWN BY: KCHO DATE: 2004/11/05 CHECKED BY: PTLIM DATE: 2004/12/08 APPROVED BY: MLONG DATE: 2010/09/06 | SCALE: NTS DESIGN UNITS: METRIC | TITLE: 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H |
|--|----------------------------------|---|------------------------------|-------|------|----------|-------|-------|----------|-------|-------|----------|--------|-------|---------|-------|-------|---------|---|---|--|--|---|
| | | | mm | INCH | | | | | | | | | | | | | | | | | | | |
| | | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | |
| | | 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.20 | ± --- | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-87914-013 | SHEET NO. 40 OF 45 | | | | | | | | | | | | | | | | | | | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | |
| SIZE: A3 | | | | | | | | | | | | | | | | | | | | | | | |

| | 10 | | 9 | | 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | |
|---|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|--|---|--|---|--|---|--|
| F | PART NO FOR BULK PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | | | | | | | | |
| | | | | | | | | | A | B | F | M | P | | | | | | | |
| | 87914-7211 | ----- | ----- | ----- | ----- | 72 | ---- | 1 | 91.44 | 88.90 | 10.92 | 5.84 | 2.79 | | | | | | | |
| | 87914-7221 | ----- | ----- | ----- | ----- | 72 | ---- | 1 | 91.44 | 88.90 | 12.25 | 7.00 | 2.96 | | | | | | | |
| | 87914-7212 | ----- | ----- | ----- | ----- | 72 | ---- | 2 | 91.44 | 88.90 | 10.92 | 5.84 | 2.79 | | | | | | | |
| | 87914-7222 | ----- | ----- | ----- | ----- | 72 | ---- | 2 | 91.44 | 88.90 | 12.25 | 7.00 | 2.96 | | | | | | | |
| | 87914-7213 | ----- | ----- | ----- | ----- | 72 | ---- | 3 | 91.44 | 88.90 | 10.92 | 5.84 | 2.79 | | | | | | | |
| | 87914-7223 | ----- | ----- | ----- | ----- | 72 | ---- | 3 | 91.44 | 88.90 | 12.25 | 7.00 | 2.96 | | | | | | | |
| E | 87914-7214 | ----- | ----- | ----- | ----- | 72 | ---- | 4 | 91.44 | 88.90 | 10.92 | 5.84 | 2.79 | | | | | | | |
| | 87914-7224 | ----- | ----- | ----- | ----- | 72 | ---- | 4 | 91.44 | 88.90 | 12.25 | 7.00 | 2.96 | | | | | | | |
| | 87914-7215 | ----- | ----- | ----- | ----- | 72 | ---- | 5 | 91.44 | 88.90 | 10.92 | 5.84 | 2.79 | | | | | | | |
| | 87914-7225 | ----- | ----- | ----- | ----- | 72 | ---- | 5 | 91.44 | 88.90 | 12.25 | 7.00 | 2.96 | | | | | | | |
| | 87914-7216 | ----- | ----- | ----- | ----- | 72 | ---- | 6 | 91.44 | 88.90 | 10.92 | 5.84 | 2.79 | | | | | | | |
| | 87914-7226 | ----- | ----- | ----- | ----- | 72 | ---- | 6 | 91.44 | 88.90 | 12.25 | 7.00 | 2.96 | | | | | | | |
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|--|--------------------------------------|--|-----------------------------------|---|--------------------|------------------------|--|--|--|
| SEE SHEET 14 IEC NO: S2015-1512 DRW:N/RAJAKRISHNA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 | QUALITY SYMBOLS ∇=0 ∇=0 ∇=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | |
| | | | mm | INCH | DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H molex DOCUMENT NO. SD-87914-013 SHEET NO. 41 OF 45 | | |
| | | 4 PLACES ± --- ± --- | 3 PLACES ± --- ± --- | CHECKED BY PTLIM | DATE 2004/12/08 | | | | |
| 2 PLACES ± 0.20 ± --- | 1 PLACE ± --- ± --- | APPROVED BY MLONG | DATE 2010/09/06 | | | | | | |
| 0 PLACE ± ± | ANGULAR ± 3 ° | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. SEE TABLE | | | | | |
| | | SIZE A3 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | |

| F | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | |
|------------|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|------|------|---|
| | PART NO FOR BULK PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
| | | | | | | | | | A | B | F | M | P |
| 87914-7411 | ----- | ----- | ----- | ----- | 74 | ----- | 1 | 93.98 | 91.44 | 10.92 | 5.84 | 2.79 | |
| 87914-7421 | ----- | ----- | ----- | ----- | 74 | ----- | 1 | 93.98 | 91.44 | 12.25 | 7.00 | 2.96 | |
| 87914-7412 | ----- | ----- | ----- | ----- | 74 | ----- | 2 | 93.98 | 91.44 | 10.92 | 5.84 | 2.79 | |
| 87914-7422 | ----- | ----- | ----- | ----- | 74 | ----- | 2 | 93.98 | 91.44 | 12.25 | 7.00 | 2.96 | |
| 87914-7413 | ----- | ----- | ----- | ----- | 74 | ----- | 3 | 93.98 | 91.44 | 10.92 | 5.84 | 2.79 | |
| 87914-7423 | ----- | ----- | ----- | ----- | 74 | ----- | 3 | 93.98 | 91.44 | 12.25 | 7.00 | 2.96 | |
| 87914-7414 | ----- | ----- | ----- | ----- | 74 | ----- | 4 | 93.98 | 91.44 | 10.92 | 5.84 | 2.79 | |
| 87914-7424 | ----- | ----- | ----- | ----- | 74 | ----- | 4 | 93.98 | 91.44 | 12.25 | 7.00 | 2.96 | |
| 87914-7415 | ----- | ----- | ----- | ----- | 74 | ----- | 5 | 93.98 | 91.44 | 10.92 | 5.84 | 2.79 | |
| 87914-7425 | ----- | ----- | ----- | ----- | 74 | ----- | 5 | 93.98 | 91.44 | 12.25 | 7.00 | 2.96 | |
| 87914-7416 | ----- | ----- | ----- | ----- | 74 | ----- | 6 | 93.98 | 91.44 | 10.92 | 5.84 | 2.79 | |
| 87914-7426 | ----- | ----- | ----- | ----- | 74 | ----- | 6 | 93.98 | 91.44 | 12.25 | 7.00 | 2.96 | |
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|--|--|---------------------------------------|------------|-----------------------------------|-----------------------|---|------------------------|---|--------------|--|--|
| SEE SHEET 14 IEC NO: S2015-1512 DRW:MPRAMAKRI SHINA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 | QUALITY SYMBOLS $\nabla_F=0$ $\nabla_{F'}=0$ $\nabla_{F''}=0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | |
| | | | | mm | INCH | DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | |
| | | 4 PLACES | \pm --- | \pm --- | | | CHECKED BY PTLIM | DATE 2004/12/08 | molex | | |
| | | 3 PLACES | \pm --- | \pm --- | | | APPROVED BY MLONG | DATE 2010/09/06 | | | |
| | | 2 PLACES | \pm 0.20 | \pm --- | | | MATERIAL NO. | DOCUMENT NO. | | | |
| | | 1 PLACE | \pm --- | \pm --- | | | SEE TABLE | SD-87914-013 | | | |
| 0 PLACE | \pm | \pm | | | ANGULAR $\pm 3^\circ$ | | SHEET NO. 42 OF 45 | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | SIZE A3 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | |

| | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | |
|---|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|
| | PART NO FOR BULK PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
| | | | | | | | | A | B | C | D | E | |
| F | 87914-7611 | ----- | ----- | ----- | ----- | 76 | ---- | 1 | 96.52 | 93.98 | 10.92 | 5.84 | 2.79 |
| | 87914-7621 | ----- | ----- | ----- | ----- | 76 | ---- | 1 | 96.52 | 93.98 | 12.25 | 7.00 | 2.96 |
| | 87914-7612 | ----- | ----- | ----- | ----- | 76 | ---- | 2 | 96.52 | 93.98 | 10.92 | 5.84 | 2.79 |
| | 87914-7622 | ----- | ----- | ----- | ----- | 76 | ---- | 2 | 96.52 | 93.98 | 12.25 | 7.00 | 2.96 |
| | 87914-7613 | ----- | ----- | ----- | ----- | 76 | ---- | 3 | 96.52 | 93.98 | 10.92 | 5.84 | 2.79 |
| | 87914-7623 | ----- | ----- | ----- | ----- | 76 | ---- | 3 | 96.52 | 93.98 | 12.25 | 7.00 | 2.96 |
| E | 87914-7614 | ----- | ----- | ----- | ----- | 76 | ---- | 4 | 96.52 | 93.98 | 10.92 | 5.84 | 2.79 |
| | 87914-7624 | ----- | ----- | ----- | ----- | 76 | ---- | 4 | 96.52 | 93.98 | 12.25 | 7.00 | 2.96 |
| | 87914-7615 | ----- | ----- | ----- | ----- | 76 | ---- | 5 | 96.52 | 93.98 | 10.92 | 5.84 | 2.79 |
| | 87914-7625 | ----- | ----- | ----- | ----- | 76 | ---- | 5 | 96.52 | 93.98 | 12.25 | 7.00 | 2.96 |
| | 87914-7616 | ----- | ----- | ----- | ----- | 76 | ---- | 6 | 96.52 | 93.98 | 10.92 | 5.84 | 2.79 |
| | 87914-7626 | ----- | ----- | ----- | ----- | 76 | ---- | 6 | 96.52 | 93.98 | 12.25 | 7.00 | 2.96 |
| D | | | | | | | | | | | | | |
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| B | | | | | | | | | | | | | |

SEE SHEET 14
IEC NO: 52015-1512
DRAWN: RAMAKRISHNA 2015/06/25
CHKD: ATSEE 2015/06/25
APPR: KRASAD 2015/07/15
REV DESCRIPTION

| QUALITY SYMBOLS | | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | |
|-----------------|---|---------------------------------------|--------|-----------------|---------|-------|--------------|------------------------|--|
| | 0 | 4 PLACES | ± --- | mm | MM ONLY | NTS | METRIC | | |
| | 0 | 3 PLACES | ± --- | INCH | | | | | |
| | 0 | 2 PLACES | ± 0.20 | | | | | | |
| | | 1 PLACE | ± --- | | | | | | |
| | | 0 PLACE | ± | | | | | | |
| | | ANGULAR ± 3 ° | | | | | | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

| | | |
|----------------------|--------------------|---|
| DRAWN BY KCHO | DATE 2004/11/05 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H |
| CHECKED BY PTLIM | DATE 2004/12/08 | |
| APPROVED BY MLONG | DATE 2010/09/06 | |

MATERIAL NO. SEE TABLE


DOCUMENT NO. SD-87914-013

SHEET NO. 43 OF 45

molex

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| PART NO FOR BULK PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|
| | | | | | | | | A | B | F | M | P |
| 87914-7811 | ----- | ----- | ----- | ----- | 78 | ----- | 1 | 99.06 | 96.52 | 10.92 | 5.84 | 2.79 |
| 87914-7821 | ----- | ----- | ----- | ----- | 78 | ----- | 1 | 99.06 | 96.52 | 12.25 | 7.00 | 2.96 |
| 87914-7812 | ----- | ----- | ----- | ----- | 78 | ----- | 2 | 99.06 | 96.52 | 10.92 | 5.84 | 2.79 |
| 87914-7822 | ----- | ----- | ----- | ----- | 78 | ----- | 2 | 99.06 | 96.52 | 12.25 | 7.00 | 2.96 |
| 87914-7813 | ----- | ----- | ----- | ----- | 78 | ----- | 3 | 99.06 | 96.52 | 10.92 | 5.84 | 2.79 |
| 87914-7823 | ----- | ----- | ----- | ----- | 78 | ----- | 3 | 99.06 | 96.52 | 12.25 | 7.00 | 2.96 |
| 87914-7814 | ----- | ----- | ----- | ----- | 78 | ----- | 4 | 99.06 | 96.52 | 10.92 | 5.84 | 2.79 |
| 87914-7824 | ----- | ----- | ----- | ----- | 78 | ----- | 4 | 99.06 | 96.52 | 12.25 | 7.00 | 2.96 |
| 87914-7815 | ----- | ----- | ----- | ----- | 78 | ----- | 5 | 99.06 | 96.52 | 10.92 | 5.84 | 2.79 |
| 87914-7825 | ----- | ----- | ----- | ----- | 78 | ----- | 5 | 99.06 | 96.52 | 12.25 | 7.00 | 2.96 |
| 87914-7816 | ----- | ----- | ----- | ----- | 78 | ----- | 6 | 99.06 | 96.52 | 10.92 | 5.84 | 2.79 |
| 87914-7826 | ----- | ----- | ----- | ----- | 78 | ----- | 6 | 99.06 | 96.52 | 12.25 | 7.00 | 2.96 |

| | | | | | | | |
|---|--|---|---|---|--------------|------------------------|--|
| SEE SHEET 14 IEC NO: S2015-1512 DRW:MRAMAKRI SHINA 2015/06/25 CHKD:ATSEE 2015/06/25 APPR:KPRASAD 2015/07/15 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | |
| | $\nabla_F = 0$ $\nabla_E = 0$ $\nabla_P = 0$ | mm INCH | MM ONLY | NTS | METRIC | | |
| | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- 0 PLACE ± ± | DRAWN BY: KCHO DATE: 2004/11/05 CHECKED BY: PTLIM DATE: 2004/12/08 APPROVED BY: MLONG DATE: 2010/09/06 | TITLE 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | | |
| | ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-87914-013 |  | | | |

| PART NO FOR BULK PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSIONS | | | | |
|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|------------|-------|-------|------|------|
| | | | | | | | | A | B | F | M | P |
| F | 87914-8011 | ----- | ----- | ----- | 80 | ---- | 1 | 101.60 | 99.06 | 10.92 | 5.84 | 2.79 |
| | 87914-8021 | ----- | ----- | ----- | 80 | ---- | 1 | 101.60 | 99.06 | 12.25 | 7.00 | 2.96 |
| | 87914-8012 | ----- | ----- | ----- | 80 | ---- | 2 | 101.60 | 99.06 | 10.92 | 5.84 | 2.79 |
| | 87914-8022 | ----- | ----- | ----- | 80 | ---- | 2 | 101.60 | 99.06 | 12.25 | 7.00 | 2.96 |
| | 87914-8013 | ----- | ----- | ----- | 80 | ---- | 3 | 101.60 | 99.06 | 10.92 | 5.84 | 2.79 |
| | 87914-8023 | ----- | ----- | ----- | 80 | ---- | 3 | 101.60 | 99.06 | 12.25 | 7.00 | 2.96 |
| E | 87914-8014 | ----- | ----- | ----- | 80 | ---- | 4 | 101.60 | 99.06 | 10.92 | 5.84 | 2.79 |
| | 87914-8024 | ----- | ----- | ----- | 80 | ---- | 4 | 101.60 | 99.06 | 12.25 | 7.00 | 2.96 |
| | 87914-8015 | ----- | ----- | ----- | 80 | ---- | 5 | 101.60 | 99.06 | 10.92 | 5.84 | 2.79 |
| | 87914-8025 | ----- | ----- | ----- | 80 | ---- | 5 | 101.60 | 99.06 | 12.25 | 7.00 | 2.96 |
| | 87914-8016 | ----- | ----- | ----- | 80 | ---- | 6 | 101.60 | 99.06 | 10.92 | 5.84 | 2.79 |
| | 87914-8026 | ----- | ----- | ----- | 80 | ---- | 6 | 101.60 | 99.06 | 12.25 | 7.00 | 2.96 |
| D | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| C | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| B | | | | | | | | | | | | |
| | | | | | | | | | | | | |

SEE SHEET 14
 IEC NO: S2015-1512
 DRW:N/RAJAKRI SHNA 2015/06/25
 CHKD:ATSEE 2015/06/25
 APPR:KPRASAD 2015/07/15

QUALITY SYMBOLS
 ▽=0
 ▽=0
 ▽=0

| GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | |
|---------------------------------------|-----------------|-------|
| | mm | INCH |
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.20 | ± --- |
| 1 PLACE | ± --- | ± --- |
| 0 PLACE | ± | ± |

ANGULAR ± 3 °
 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY: KCHO
 DATE: 2004/11/05

CHECKED BY: PTLIM
 DATE: 2004/12/08

APPROVED BY: MLONG
 DATE: 2010/09/06

MATERIAL NO.
SEE TABLE

SCALE
 NTS

DESIGN UNITS
 METRIC

THIRD ANGLE PROJECTION

TITLE
**2.54MM PITCH
 DUAL ROW HEADER
 SINGLE WAFER, T/H**

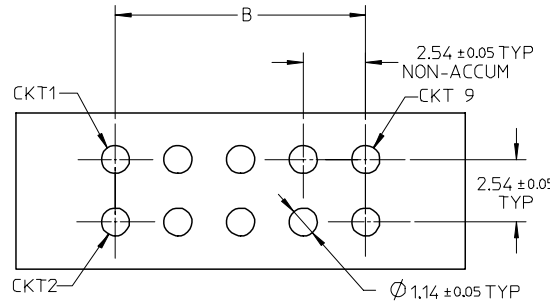
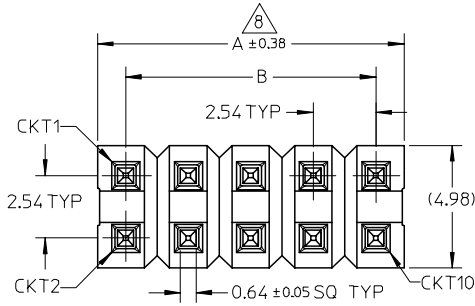
molex

DOCUMENT NO.
 SD-87914-013

SHEET NO.
 45 OF 45

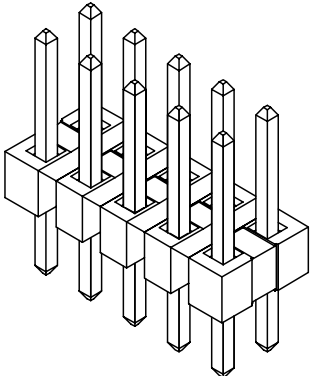
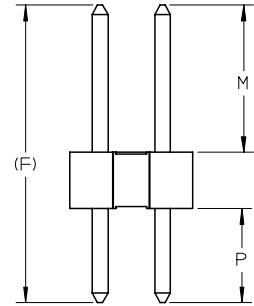
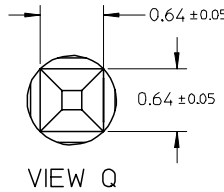
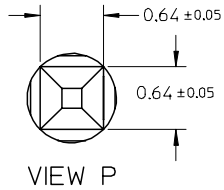
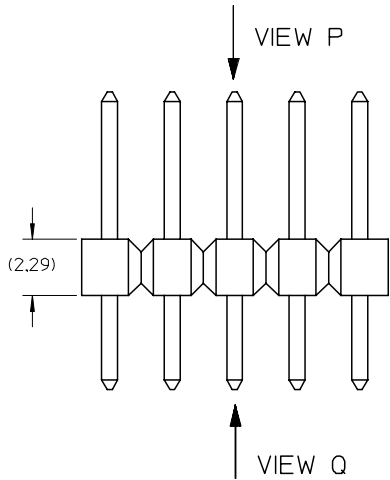
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

10 9 8 7 6 5 4 3 2 1



RECOMMENDED PCB LAYOUT

- NOTES:
- MATERIAL:
HSG: LCP, GLASS-FILLED, UL94V-0, COLOR: BLACK
PIN: 0.64MM SQ PIN, COPPER ALLOY
 - PLATING TYPE:
(1) : 0.381 μm MIN. GOLD PLATE ON CONTACT AND 1.905 μm MIN. TIN ON SOLDERTAIL OVER 1.270 μm MIN. NICKEL OVERALL.
(2) : 0.762 μm MIN. GOLD PLATE ON CONTACT AND 1.905 μm MIN. TIN ON SOLDERTAIL OVER 1.270 μm MIN. NICKEL OVERALL.
(3) : 2.540 μm MIN. TIN IN SELECTED AREA OVER 1.270 μm MIN. NICKEL OVERALL.
 - THE ABOVE 10 CKT IS FOR ILLUSTRATION PURPOSE ONLY.
 - FOR PACKAGING OPTION PLEASE REFER TO THE TABLE.
 - RECOMMENDED PCB THICKNESS 1.60MM.
 - PRODUCT SPECIFICATION: PS-87920-019
 - WAFER TO BE FLAT WITHIN 0.003mm/mm
 - IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE.
 - PARTS ARE NOT STACKABLE ON 2.54 CENTER
 - PACKAGING SPECIFICATION:
TRAY: PK-89990-489
BULK: PK-89990-491





| | | | | | | | |
|--|-----------------------------------|---------------------------------------|---------------|---|--------------|--------------------|--|
| EWR# 1010 & 1021 EC NO: S2007-0182 DRWNS:SKL IM01 2006/09/11 CHKD:CWLAM 2006/09/12 APPR:KWLEE 2006/09/13 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | $\nabla=0$ $\sphericalangle=0$ | mm | INCH | MM ONLY | NTS | METRIC | |
| | DESCRIPTION | 4 PLACES | ± --- | ± --- | DRAWN BY | DATE | TITLE |
| | REV | 3 PLACES | ± --- | ± --- | SKL IM01 | 2006/08/21 | CUSTOM HEADER C-GRID, SINGLE WAFER HDR, THROUGH HOLE, VERTICAL, LF |
| | 2 PLACES | ± 0.2 | ± --- | CHECKED BY | DATE | MOLEX INCORPORATED | |
| | 1 PLACE | ± --- | ± --- | CWLAM | 2006/09/04 | | SD-87914-059 |
| | | | ANGULAR ± 3 ° | APPROVED BY | DATE | SHEET NO. | |
| | | | | KWLEE | 2006/09/04 | 1 OF 9 | |
| | | | | MATERIAL NO. | DOCUMENT NO. | | |
| | | | | SEE TABLE | | | |
| | | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | |
| | | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |

9 8 7 6 5 4 3 2 1

| PART NO FOR TRAY PACKAGING | PART NO FOR BULK PACKAGING | CKT SIZE | PLATING TYPE | DIMENSION | | | | |
|----------------------------|----------------------------|----------|--------------|-----------|-------|-------|------------|-------------|
| | | | | A | B | F | MATING END | SOLDER TAIL |
| | | | | | | | M | P |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 87914-0401 | ----- | 4 | 1 | 5.08 | 2.54 | 13.21 | 8.13 | 2.79 |
| 87914-0402 | ----- | 4 | 2 | 5.08 | 2.54 | 13.21 | 8.13 | 2.79 |
| 87914-0403 | ----- | 4 | 3 | 5.08 | 2.54 | 13.21 | 8.13 | 2.79 |
| | | | | | | | | |
| 87914-0601 | ----- | 6 | 1 | 7.62 | 5.08 | 13.21 | 8.13 | 2.79 |
| 87914-0602 | ----- | 6 | 2 | 7.62 | 5.08 | 13.21 | 8.13 | 2.79 |
| 87914-0603 | ----- | 6 | 3 | 7.62 | 5.08 | 13.21 | 8.13 | 2.79 |
| | | | | | | | | |
| 87914-0801 | ----- | 8 | 1 | 10.16 | 7.62 | 13.21 | 8.13 | 2.79 |
| 87914-0802 | ----- | 8 | 2 | 10.16 | 7.62 | 13.21 | 8.13 | 2.79 |
| 87914-0803 | ----- | 8 | 3 | 10.16 | 7.62 | 13.21 | 8.13 | 2.79 |
| | | | | | | | | |
| 87914-1001 | ----- | 10 | 1 | 12.70 | 10.16 | 13.21 | 8.13 | 2.79 |
| 87914-1002 | ----- | 10 | 2 | 12.70 | 10.16 | 13.21 | 8.13 | 2.79 |
| 87914-1003 | ----- | 10 | 3 | 12.70 | 10.16 | 13.21 | 8.13 | 2.79 |

| PART NO FOR TRAY PACKAGING | PART NO FOR BULK PACKAGING | CKT SIZE | PLATING TYPE | DIMENSION | | | | |
|----------------------------|----------------------------|----------|--------------|-----------|-------|-------|------------|-------------|
| | | | | A | B | F | MATING END | SOLDER TAIL |
| | | | | | | | M | P |
| 87914-0204 | ----- | 2 | 1 | 2.54 | --- | 11.11 | 6.10 | 2.72 |
| 87914-0205 | ----- | 2 | 2 | 2.54 | --- | 11.11 | 6.10 | 2.72 |
| 87914-0206 | ----- | 2 | 3 | 2.54 | --- | 11.11 | 6.10 | 2.72 |
| | | | | | | | | |
| 87914-0404 | ----- | 4 | 1 | 5.08 | 2.54 | 11.11 | 6.10 | 2.72 |
| 87914-0405 | ----- | 4 | 2 | 5.08 | 2.54 | 11.11 | 6.10 | 2.72 |
| 87914-0406 | ----- | 4 | 3 | 5.08 | 2.54 | 11.11 | 6.10 | 2.72 |
| | | | | | | | | |
| 87914-0604 | ----- | 6 | 1 | 7.62 | 5.08 | 11.11 | 6.10 | 2.72 |
| 87914-0605 | ----- | 6 | 2 | 7.62 | 5.08 | 11.11 | 6.10 | 2.72 |
| 87914-0606 | ----- | 6 | 3 | 7.62 | 5.08 | 11.11 | 6.10 | 2.72 |
| | | | | | | | | |
| 87914-0804 | ----- | 8 | 1 | 10.16 | 7.62 | 11.11 | 6.10 | 2.72 |
| 87914-0805 | ----- | 8 | 2 | 10.16 | 7.62 | 11.11 | 6.10 | 2.72 |
| 87914-0806 | ----- | 8 | 3 | 10.16 | 7.62 | 11.11 | 6.10 | 2.72 |
| | | | | | | | | |
| 87914-1004 | ----- | 10 | 1 | 12.70 | 10.16 | 11.11 | 6.10 | 2.72 |
| 87914-1005 | ----- | 10 | 2 | 12.70 | 10.16 | 11.11 | 6.10 | 2.72 |
| 87914-1006 | ----- | 10 | 3 | 12.70 | 10.16 | 11.11 | 6.10 | 2.72 |

EWR# 1010 & 1021
 EC NO: S2007-0182
 DRWNS:SKL IM01 2006/09/11
 CHKD:CWLAM 2006/09/12
 APPR:KWLEE 2006/09/13

QUALITY SYMBOLS
 =0
 =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | |
|---------------|-------|-------|
| | mm | INCH |
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.2 | ± --- |
| 1 PLACE | ± --- | ± --- |
| ANGULAR ± 3 ° | | |

 DRAFT WHERE APPLICABLE
 MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
 MM ONLY
 DRAWN BY SKL IM01 DATE 2006/08/21
 CHECKED BY CWLAM DATE 2006/09/04
 APPROVED BY KWLEE DATE 2006/09/04
 MATERIAL NO. SEE TABLE
 SIZE A3

SCALE NTS
 DESIGN UNITS METRIC
 THIRD ANGLE PROJECTION
 TITLE
 CUSTOM HEADER
 C-GRID, SINGLE WAFER HDR,
 THROU HOLE, VERTICAL, LF
 MOLEX INCORPORATED
 DOCUMENT NO. SD-87914-059
 SHEET NO. 2 OF 9
 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| PART NO FOR TRAY PACKAGING | PART NO FOR BULK PACKAGING | CKT SIZE | PLATING TYPE | DIMENSION | | | | |
|----------------------------|----------------------------|----------|--------------|------------|-------------|-------|------|------|
| | | | | A | B | F | M | P |
| | | | | MATING END | SOLDER TAIL | | | |
| 87914-1201 | ----- | 12 | 1 | 15.24 | 12.70 | 13.21 | 8.13 | 2.79 |
| 87914-1202 | ----- | 12 | 2 | 15.24 | 12.70 | 13.21 | 8.13 | 2.79 |
| 87914-1203 | ----- | 12 | 3 | 15.24 | 12.70 | 13.21 | 8.13 | 2.79 |
| 87914-1401 | ----- | 14 | 1 | 17.78 | 15.24 | 13.21 | 8.13 | 2.79 |
| 87914-1402 | ----- | 14 | 2 | 17.78 | 15.24 | 13.21 | 8.13 | 2.79 |
| 87914-1403 | ----- | 14 | 3 | 17.78 | 15.24 | 13.21 | 8.13 | 2.79 |
| 87914-1601 | ----- | 16 | 1 | 20.32 | 17.78 | 13.21 | 8.13 | 2.79 |
| 87914-1602 | ----- | 16 | 2 | 20.32 | 17.78 | 13.21 | 8.13 | 2.79 |
| 87914-1603 | ----- | 16 | 3 | 20.32 | 17.78 | 13.21 | 8.13 | 2.79 |
| 87914-1801 | ----- | 18 | 1 | 22.86 | 20.32 | 13.21 | 8.13 | 2.79 |
| 87914-1802 | ----- | 18 | 2 | 22.86 | 20.32 | 13.21 | 8.13 | 2.79 |
| 87914-1803 | ----- | 18 | 3 | 22.86 | 20.32 | 13.21 | 8.13 | 2.79 |
| 87914-2001 | ----- | 20 | 1 | 25.40 | 22.86 | 13.21 | 8.13 | 2.79 |
| 87914-2002 | ----- | 20 | 2 | 25.40 | 22.86 | 13.21 | 8.13 | 2.79 |
| 87914-2003 | ----- | 20 | 3 | 25.40 | 22.86 | 13.21 | 8.13 | 2.79 |

| PART NO FOR TRAY PACKAGING | PART NO FOR BULK PACKAGING | CKT SIZE | PLATING TYPE | DIMENSION | | | | |
|----------------------------|----------------------------|----------|--------------|------------|-------------|-------|------|------|
| | | | | A | B | F | M | P |
| | | | | MATING END | SOLDER TAIL | | | |
| 87914-1204 | ----- | 12 | 1 | 15.24 | 12.70 | 11.11 | 6.10 | 2.72 |
| 87914-1205 | ----- | 12 | 2 | 15.24 | 12.70 | 11.11 | 6.10 | 2.72 |
| 87914-1206 | ----- | 12 | 3 | 15.24 | 12.70 | 11.11 | 6.10 | 2.72 |
| 87914-1404 | ----- | 14 | 1 | 17.78 | 15.24 | 11.11 | 6.10 | 2.72 |
| 87914-1405 | ----- | 14 | 2 | 17.78 | 15.24 | 11.11 | 6.10 | 2.72 |
| 87914-1406 | ----- | 14 | 3 | 17.78 | 15.24 | 11.11 | 6.10 | 2.72 |
| 87914-1604 | ----- | 16 | 1 | 20.32 | 17.78 | 11.11 | 6.10 | 2.72 |
| 87914-1605 | ----- | 16 | 2 | 20.32 | 17.78 | 11.11 | 6.10 | 2.72 |
| 87914-1606 | ----- | 16 | 3 | 20.32 | 17.78 | 11.11 | 6.10 | 2.72 |
| 87914-1804 | ----- | 18 | 1 | 22.86 | 20.32 | 11.11 | 6.10 | 2.72 |
| 87914-1805 | ----- | 18 | 2 | 22.86 | 20.32 | 11.11 | 6.10 | 2.72 |
| 87914-1806 | ----- | 18 | 3 | 22.86 | 20.32 | 11.11 | 6.10 | 2.72 |
| 87914-2004 | ----- | 20 | 1 | 25.40 | 22.86 | 11.11 | 6.10 | 2.72 |
| 87914-2005 | ----- | 20 | 2 | 25.40 | 22.86 | 11.11 | 6.10 | 2.72 |
| 87914-2006 | ----- | 20 | 3 | 25.40 | 22.86 | 11.11 | 6.10 | 2.72 |

EWR# 1010 & 1021
 EC NO: S2007-0182
 DRWNS:SKL IM01 2006/09/11
 CHKD:CWLAM 2006/09/12
 APPR:KWLEE 2006/09/13

QUALITY SYMBOLS
 ▼=0
 ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | |
|----------|------|------|
| 4 PLACES | ±--- | ±--- |
| 3 PLACES | ±--- | ±--- |
| 2 PLACES | ±0.2 | ±--- |
| 1 PLACE | ±--- | ±--- |

 ANGULAR ± 3°
 DRAFT WHERE APPLICABLE
 MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
 MM ONLY
 DRAWN BY SKL IM01 DATE 2006/08/21
 CHECKED BY CWLAM DATE 2006/09/04
 APPROVED BY KWLEE DATE 2006/09/04
 MATERIAL NO. SEE TABLE

SCALE NTS
 DESIGN UNITS METRIC
 THIRD ANGLE PROJECTION
 TITLE
 CUSTOM HEADER
 C-GRID, SINGLE WAFER HDR,
 THROU HOLE, VERTICAL, LF
 MOLEX INCORPORATED
 DOCUMENT NO. SD-87914-059
 SHEET NO. 3 OF 9
 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| F | PART NO FOR TRAY PACKAGING | PART NO FOR BULK PACKAGING | CKT SIZE | PLATING TYPE | DIMENSION | | | | | PART NO FOR TRAY PACKAGING | PART NO FOR BULK PACKAGING | CKT SIZE | PLATING TYPE | DIMENSION | | | | | F |
|---|----------------------------|----------------------------|----------|--------------|-----------|-------|-------|------|------|----------------------------|----------------------------|----------|--------------|-----------|-------|-------|------|------|---|
| | | | | | A | B | F | M | P | | | | | A | B | F | M | P | |
| | | | | | | | | | | | | | | | | | | | |
| | 87914-2201 | ----- | 22 | 1 | 27.94 | 25.40 | 13.21 | 8.13 | 2.79 | 87914-2204 | ----- | 22 | 1 | 27.94 | 25.40 | 11.11 | 6.10 | 2.72 | |
| | 87914-2202 | ----- | 22 | 2 | 27.94 | 25.40 | 13.21 | 8.13 | 2.79 | 87914-2205 | ----- | 22 | 2 | 27.94 | 25.40 | 11.11 | 6.10 | 2.72 | |
| | 87914-2203 | ----- | 22 | 3 | 27.94 | 25.40 | 13.21 | 8.13 | 2.79 | 87914-2206 | ----- | 22 | 3 | 27.94 | 25.40 | 11.11 | 6.10 | 2.72 | |
| | | | | | | | | | | | | | | | | | | | |
| | 87914-2401 | ----- | 24 | 1 | 30.48 | 27.94 | 13.21 | 8.13 | 2.79 | 87914-2404 | ----- | 24 | 1 | 30.48 | 27.94 | 11.11 | 6.10 | 2.72 | |
| | 87914-2402 | ----- | 24 | 2 | 30.48 | 27.94 | 13.21 | 8.13 | 2.79 | 87914-2405 | ----- | 24 | 2 | 30.48 | 27.94 | 11.11 | 6.10 | 2.72 | |
| E | 87914-2403 | ----- | 24 | 3 | 30.48 | 27.94 | 13.21 | 8.13 | 2.79 | 87914-2406 | ----- | 24 | 3 | 30.48 | 27.94 | 11.11 | 6.10 | 2.72 | E |
| | | | | | | | | | | | | | | | | | | | |
| | 87914-2601 | ----- | 26 | 1 | 33.02 | 30.48 | 13.21 | 8.13 | 2.79 | 87914-2604 | ----- | 26 | 1 | 33.02 | 30.48 | 11.11 | 6.10 | 2.72 | |
| | 87914-2602 | ----- | 26 | 2 | 33.02 | 30.48 | 13.21 | 8.13 | 2.79 | 87914-2605 | ----- | 26 | 2 | 33.02 | 30.48 | 11.11 | 6.10 | 2.72 | |
| | 87914-2603 | ----- | 26 | 3 | 33.02 | 30.48 | 13.21 | 8.13 | 2.79 | 87914-2606 | ----- | 26 | 3 | 33.02 | 30.48 | 11.11 | 6.10 | 2.72 | |
| | | | | | | | | | | | | | | | | | | | |
| | 87914-2801 | ----- | 28 | 1 | 35.56 | 33.02 | 13.21 | 8.13 | 2.79 | 87914-2804 | ----- | 28 | 1 | 35.56 | 33.02 | 11.11 | 6.10 | 2.72 | |
| | 87914-2802 | ----- | 28 | 2 | 35.56 | 33.02 | 13.21 | 8.13 | 2.79 | 87914-2805 | ----- | 28 | 2 | 35.56 | 33.02 | 11.11 | 6.10 | 2.72 | |
| | 87914-2803 | ----- | 28 | 3 | 35.56 | 33.02 | 13.21 | 8.13 | 2.79 | 87914-2806 | ----- | 28 | 3 | 35.56 | 33.02 | 11.11 | 6.10 | 2.72 | |
| | | | | | | | | | | | | | | | | | | | |
| | 87914-3001 | ----- | 30 | 1 | 38.10 | 35.56 | 13.21 | 8.13 | 2.79 | 87914-3004 | ----- | 30 | 1 | 38.10 | 35.56 | 11.11 | 6.10 | 2.72 | |
| | 87914-3002 | ----- | 30 | 2 | 38.10 | 35.56 | 13.21 | 8.13 | 2.79 | 87914-3005 | ----- | 30 | 2 | 38.10 | 35.56 | 11.11 | 6.10 | 2.72 | |
| C | 87914-3003 | ----- | 30 | 3 | 38.10 | 35.56 | 13.21 | 8.13 | 2.79 | 87914-3006 | ----- | 30 | 3 | 38.10 | 35.56 | 11.11 | 6.10 | 2.72 | C |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| B | | | | | | | | | | | | | | | | | | | | B |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

| A | EWR# 1010 & 1021 EC NO: S2007-0182 DRWNS:SKL IM01 2006/09/11 CHKD:CWLAM 2006/09/12 APPR:KWLEE 2006/09/13 | QUALITY SYMBOLS | $\nabla = 0$ $\triangle = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>$\pm .005$</td> <td>$\pm .0004$</td> </tr> <tr> <td>3 PLACES</td> <td>$\pm .005$</td> <td>$\pm .0004$</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.2</td> <td>$\pm .008$</td> </tr> <tr> <td>1 PLACE</td> <td>$\pm .005$</td> <td>$\pm .0004$</td> </tr> </table> | | mm | INCH | 4 PLACES | $\pm .005$ | $\pm .0004$ | 3 PLACES | $\pm .005$ | $\pm .0004$ | 2 PLACES | ± 0.2 | $\pm .008$ | 1 PLACE | $\pm .005$ | $\pm .0004$ | DIMENSION STYLE MM ONLY | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | DRAWN BY SKL IM01 | DATE 2006/08/21 | TITLE CUSTOM HEADER C-GRID, SINGLE WAFER HDR, THROU HOLE, VERTICAL, LF | APPROVED BY KWLEE | DATE 2006/09/04 | MOLEX INCORPORATED | MATERIAL NO. | DOCUMENT NO. SD-87914-059 | SHEET NO. 4 OF 9 |
|--|--|-----------------|---|--|--|----|------|----------|------------|-------------|----------|------------|-------------|----------|-----------|------------|---------|------------|-------------|----------------------------|--------------|------------------------|------------------------|----------------------|--------------------|---|----------------------|--------------------|--------------------|--------------|------------------------------|---------------------|
| | | | mm | INCH | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 4 PLACES | $\pm .005$ | $\pm .0004$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 3 PLACES | $\pm .005$ | $\pm .0004$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.2 | $\pm .008$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | $\pm .005$ | $\pm .0004$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE TABLE | SIZE A3 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | 10 | | 9 | | 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | | |
|---|----------------------------|----------------------------|----------|--------------|-----------|-------|-------|------|------|------------|-------------|----------------------------|----------------------------|----------|--------------|-----------|-------|-------|------|------|------------|-------------|
| F | PART NO FOR TRAY PACKAGING | PART NO FOR BULK PACKAGING | CKT SIZE | PLATING TYPE | DIMENSION | | | | | MATING END | SOLDER TAIL | PART NO FOR TRAY PACKAGING | PART NO FOR BULK PACKAGING | CKT SIZE | PLATING TYPE | DIMENSION | | | | | MATING END | SOLDER TAIL |
| | | | | | A | B | F | M | P | | | | | | | A | B | F | M | P | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | 87914-3201 | ----- | 32 | 1 | 40.64 | 38.10 | 13.21 | 8.13 | 2.79 | | | 87914-3204 | ----- | 32 | 1 | 40.64 | 38.10 | 11.11 | 6.10 | 2.72 | | |
| | 87914-3202 | ----- | 32 | 2 | 40.64 | 38.10 | 13.21 | 8.13 | 2.79 | | | 87914-3205 | ----- | 32 | 2 | 40.64 | 38.10 | 11.11 | 6.10 | 2.72 | | |
| | 87914-3203 | ----- | 32 | 3 | 40.64 | 38.10 | 13.21 | 8.13 | 2.79 | | | 87914-3206 | ----- | 32 | 3 | 40.64 | 38.10 | 11.11 | 6.10 | 2.72 | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | 87914-3401 | ----- | 34 | 1 | 43.18 | 40.64 | 13.21 | 8.13 | 2.79 | | | 87914-3404 | ----- | 34 | 1 | 43.18 | 40.64 | 11.11 | 6.10 | 2.72 | | |
| | 87914-3402 | ----- | 34 | 2 | 43.18 | 40.64 | 13.21 | 8.13 | 2.79 | | | 87914-3405 | ----- | 34 | 2 | 43.18 | 40.64 | 11.11 | 6.10 | 2.72 | | |
| E | 87914-3403 | ----- | 34 | 3 | 43.18 | 40.64 | 13.21 | 8.13 | 2.79 | | | 87914-3406 | ----- | 34 | 3 | 43.18 | 40.64 | 11.11 | 6.10 | 2.72 | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | 87914-3601 | ----- | 36 | 1 | 45.72 | 43.18 | 13.21 | 8.13 | 2.79 | | | 87914-3604 | ----- | 36 | 1 | 45.72 | 43.18 | 11.11 | 6.10 | 2.72 | | |
| | 87914-3602 | ----- | 36 | 2 | 45.72 | 43.18 | 13.21 | 8.13 | 2.79 | | | 87914-3605 | ----- | 36 | 2 | 45.72 | 43.18 | 11.11 | 6.10 | 2.72 | | |
| | 87914-3603 | ----- | 36 | 3 | 45.72 | 43.18 | 13.21 | 8.13 | 2.79 | | | 87914-3606 | ----- | 36 | 3 | 45.72 | 43.18 | 11.11 | 6.10 | 2.72 | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| D | 87914-3801 | ----- | 38 | 1 | 48.26 | 45.72 | 13.21 | 8.13 | 2.79 | | | 87914-3804 | ----- | 38 | 1 | 48.26 | 45.72 | 11.11 | 6.10 | 2.72 | | |
| | 87914-3802 | ----- | 38 | 2 | 48.26 | 45.72 | 13.21 | 8.13 | 2.79 | | | 87914-3805 | ----- | 38 | 2 | 48.26 | 45.72 | 11.11 | 6.10 | 2.72 | | |
| | 87914-3803 | ----- | 38 | 3 | 48.26 | 45.72 | 13.21 | 8.13 | 2.79 | | | 87914-3806 | ----- | 38 | 3 | 48.26 | 45.72 | 11.11 | 6.10 | 2.72 | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | 87914-4001 | ----- | 40 | 1 | 50.80 | 48.26 | 13.21 | 8.13 | 2.79 | | | 87914-4004 | ----- | 40 | 1 | 50.80 | 48.26 | 11.11 | 6.10 | 2.72 | | |
| | 87914-4002 | ----- | 40 | 2 | 50.80 | 48.26 | 13.21 | 8.13 | 2.79 | | | 87914-4005 | ----- | 40 | 2 | 50.80 | 48.26 | 11.11 | 6.10 | 2.72 | | |
| C | 87914-4003 | ----- | 40 | 3 | 50.80 | 48.26 | 13.21 | 8.13 | 2.79 | | | 87914-4006 | ----- | 40 | 3 | 50.80 | 48.26 | 11.11 | 6.10 | 2.72 | | |
| | | | | | | | | | | | | | | | | | | | | | | |

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|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| B | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

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|---|--|----------|-------------|--|---|---|---|--------------|------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| A | EWR# 1010 & 1021 EC NO: S2007-0182 DRWNS:SKL IM01 2006/09/11 CHKD:CWLAM 2006/09/12 APPR:KWLEE 2006/09/13 | REV A | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | <p style="text-align: center;">CUSTOM HEADER C-GRID, SINGLE WAFER HDR, THROU HOLE, VERTICAL, LF</p> <p style="text-align: center;"> MOLEX INCORPORATED</p> | | | | | | | | | | | |
| | | | | ▽=0 ▽C=0 | mm INCH | MM ONLY | NTS | METRIC | | | | | | | | | | | | | |
| | | | | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- | DRAWN BY DATE SKL IM01 2006/08/21 | TITLE | | | | | | | | | | | | | | |
| | | | | | ANGULAR ± 3 ° | CHECKED BY DATE CWLAM 2006/09/04 | APPROVED BY DATE KWLEE 2006/09/04 | | | | | | | | | | | | | | |
| | | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE TABLE | MATERIAL NO. | DOCUMENT NO. | SHEET NO. | | | | | | | | | | | | | |
| | | | | | | | | | | SD-87914-059 | | | | | | | | | | | |
| | | | | | | | | | | 5 OF 9 | | | | | | | | | | | |
| | | | | | | | | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | |

| F | 10 | | 9 | | 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | |
|---|----------------------------|----------------------------|----------|--------------|-----------|-------|-------|------|------|----------------------------|----------------------------|----------|--------------|-----------|-------|-------|------|------|---|--|
| | PART NO FOR TRAY PACKAGING | PART NO FOR BULK PACKAGING | CKT SIZE | PLATING TYPE | DIMENSION | | | | | PART NO FOR TRAY PACKAGING | PART NO FOR BULK PACKAGING | CKT SIZE | PLATING TYPE | DIMENSION | | | | | | |
| | | | | | A | B | F | M | P | | | | | A | B | F | M | P | | |
| | 87914-4201 | ----- | 42 | 1 | 53.34 | 50.80 | 13.21 | 8.13 | 2.79 | 87914-4204 | ----- | 42 | 1 | 53.34 | 50.80 | 11.11 | 6.10 | 2.72 | | |
| | 87914-4202 | ----- | 42 | 2 | 53.34 | 50.80 | 13.21 | 8.13 | 2.79 | 87914-4205 | ----- | 42 | 2 | 53.34 | 50.80 | 11.11 | 6.10 | 2.72 | | |
| | 87914-4203 | ----- | 42 | 3 | 53.34 | 50.80 | 13.21 | 8.13 | 2.79 | 87914-4206 | ----- | 42 | 3 | 53.34 | 50.80 | 11.11 | 6.10 | 2.72 | | |
| | | | | | | | | | | | | | | | | | | | | |
| | 87914-4401 | ----- | 44 | 1 | 55.88 | 53.34 | 13.21 | 8.13 | 2.79 | 87914-4404 | ----- | 44 | 1 | 55.88 | 53.34 | 11.11 | 6.10 | 2.72 | | |
| | 87914-4402 | ----- | 44 | 2 | 55.88 | 53.34 | 13.21 | 8.13 | 2.79 | 87914-4405 | ----- | 44 | 2 | 55.88 | 53.34 | 11.11 | 6.10 | 2.72 | | |
| | 87914-4403 | ----- | 44 | 3 | 55.88 | 53.34 | 13.21 | 8.13 | 2.79 | 87914-4406 | ----- | 44 | 3 | 55.88 | 53.34 | 11.11 | 6.10 | 2.72 | | |
| | | | | | | | | | | | | | | | | | | | | |
| | 87914-4601 | ----- | 46 | 1 | 58.42 | 55.88 | 13.21 | 8.13 | 2.79 | 87914-4604 | ----- | 46 | 1 | 58.42 | 55.88 | 11.11 | 6.10 | 2.72 | | |
| | 87914-4602 | ----- | 46 | 2 | 58.42 | 55.88 | 13.21 | 8.13 | 2.79 | 87914-4605 | ----- | 46 | 2 | 58.42 | 55.88 | 11.11 | 6.10 | 2.72 | | |
| | 87914-4603 | ----- | 46 | 3 | 58.42 | 55.88 | 13.21 | 8.13 | 2.79 | 87914-4606 | ----- | 46 | 3 | 58.42 | 55.88 | 11.11 | 6.10 | 2.72 | | |
| | | | | | | | | | | | | | | | | | | | | |
| | 87914-4801 | ----- | 48 | 1 | 60.96 | 58.42 | 13.21 | 8.13 | 2.79 | 87914-4804 | ----- | 48 | 1 | 60.96 | 58.42 | 11.11 | 6.10 | 2.72 | | |
| | 87914-4802 | ----- | 48 | 2 | 60.96 | 58.42 | 13.21 | 8.13 | 2.79 | 87914-4805 | ----- | 48 | 2 | 60.96 | 58.42 | 11.11 | 6.10 | 2.72 | | |
| | 87914-4803 | ----- | 48 | 3 | 60.96 | 58.42 | 13.21 | 8.13 | 2.79 | 87914-4806 | ----- | 48 | 3 | 60.96 | 58.42 | 11.11 | 6.10 | 2.72 | | |
| | | | | | | | | | | | | | | | | | | | | |
| | 87914-5001 | ----- | 50 | 1 | 63.50 | 60.96 | 13.21 | 8.13 | 2.79 | 87914-5004 | ----- | 50 | 1 | 63.50 | 60.96 | 11.11 | 6.10 | 2.72 | | |
| | 87914-5002 | ----- | 50 | 2 | 63.50 | 60.96 | 13.21 | 8.13 | 2.79 | 87914-5005 | ----- | 50 | 2 | 63.50 | 60.96 | 11.11 | 6.10 | 2.72 | | |
| | 87914-5003 | ----- | 50 | 3 | 63.50 | 60.96 | 13.21 | 8.13 | 2.79 | 87914-5006 | ----- | 50 | 3 | 63.50 | 60.96 | 11.11 | 6.10 | 2.72 | | |
| | | | | | | | | | | | | | | | | | | | | |

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|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| EWR# 1010 & 1021 EC NO: S2007-0182 DRWNS:SKL M01 2006/09/11 CHKD:CWLAM 2006/09/12 APPR:KWLEE 2006/09/13 | QUALITY SYMBOLS =0 =0 | 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>± 0.2</td> <td>± .---</td> </tr> <tr> <td>1 PLACE</td> <td>± .---</td> <td>± .---</td> </tr> <tr> <td colspan="3">ANGULAR ± 3 °</td> </tr> </table> | | mm | INCH | 4 PLACES | ± .--- | ± .--- | 3 PLACES | ± .--- | ± .--- | 2 PLACES | ± 0.2 | ± .--- | 1 PLACE | ± .--- | ± .--- | ANGULAR ± 3 ° | | | DIMENSION STYLE MM ONLY | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
|--|-----------------------------|---|--------|---|------|----------|--------|--------|----------|--------|--------|----------|-------|--------|---------|--------|--------|---------------|--|--|-----------------------------------|--------------|------------------------|------------------------|
| | | | mm | INCH | | | | | | | | | | | | | | | | | | | | |
| | | 4 PLACES | ± .--- | ± .--- | | | | | | | | | | | | | | | | | | | | |
| | | 3 PLACES | ± .--- | ± .--- | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.2 | ± .--- | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± .--- | ± .--- | | | | | | | | | | | | | | | | | | | | | | |
| ANGULAR ± 3 ° | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY SKL M01 DATE 2006/08/21 CHECKED BY CWLAM DATE 2006/09/04 APPROVED BY KWLEE DATE 2006/09/04 | | TITLE CUSTOM HEADER C-GRID, SINGLE WAFER HDR, THROU HOLE, VERTICAL, LF | | | | | | | | | | | | | | | | | | | | | | |
| MATERIAL NO. | | DOCUMENT NO. SD-87914-059 | | SHEET NO. 6 OF 9 | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SIZE A3 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | |

| F | 10 | | 9 | | 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | |
|---|----------------------------|----------------------------|----------|--------------|-----------|-------|-------|------|------|----------------------------|----------------------------|----------|--------------|-----------|-------|-------|------|------|---|--|
| | PART NO FOR TRAY PACKAGING | PART NO FOR BULK PACKAGING | CKT SIZE | PLATING TYPE | DIMENSION | | | | | PART NO FOR TRAY PACKAGING | PART NO FOR BULK PACKAGING | CKT SIZE | PLATING TYPE | DIMENSION | | | | | | |
| | | | | | A | B | F | M | P | | | | | A | B | F | M | P | | |
| | ----- | 87914-5201 | 52 | 1 | 66.04 | 63.50 | 13.21 | 8.13 | 2.79 | ----- | 87914-5204 | 52 | 1 | 66.04 | 63.50 | 11.11 | 6.10 | 2.72 | | |
| | ----- | 87914-5202 | 52 | 2 | 66.04 | 63.50 | 13.21 | 8.13 | 2.79 | ----- | 87914-5205 | 52 | 2 | 66.04 | 63.50 | 11.11 | 6.10 | 2.72 | | |
| | ----- | 87914-5203 | 52 | 3 | 66.04 | 63.50 | 13.21 | 8.13 | 2.79 | ----- | 87914-5206 | 52 | 3 | 66.04 | 63.50 | 11.11 | 6.10 | 2.72 | | |
| | ----- | 87914-5401 | 54 | 1 | 68.58 | 66.04 | 13.21 | 8.13 | 2.79 | ----- | 87914-5404 | 54 | 1 | 68.58 | 66.04 | 11.11 | 6.10 | 2.72 | | |
| | ----- | 87914-5402 | 54 | 2 | 68.58 | 66.04 | 13.21 | 8.13 | 2.79 | ----- | 87914-5405 | 54 | 2 | 68.58 | 66.04 | 11.11 | 6.10 | 2.72 | | |
| | ----- | 87914-5403 | 54 | 3 | 68.58 | 66.04 | 13.21 | 8.13 | 2.79 | ----- | 87914-5406 | 54 | 3 | 68.58 | 66.04 | 11.11 | 6.10 | 2.72 | | |
| | ----- | 87914-5601 | 56 | 1 | 71.12 | 68.58 | 13.21 | 8.13 | 2.79 | ----- | 87914-5604 | 56 | 1 | 71.12 | 68.58 | 11.11 | 6.10 | 2.72 | | |
| | ----- | 87914-5602 | 56 | 2 | 71.12 | 68.58 | 13.21 | 8.13 | 2.79 | ----- | 87914-5605 | 56 | 2 | 71.12 | 68.58 | 11.11 | 6.10 | 2.72 | | |
| | ----- | 87914-5603 | 56 | 3 | 71.12 | 68.58 | 13.21 | 8.13 | 2.79 | ----- | 87914-5606 | 56 | 3 | 71.12 | 68.58 | 11.11 | 6.10 | 2.72 | | |
| | ----- | 87914-5801 | 58 | 1 | 73.66 | 71.12 | 13.21 | 8.13 | 2.79 | ----- | 87914-5804 | 58 | 1 | 73.66 | 71.12 | 11.11 | 6.10 | 2.72 | | |
| | ----- | 87914-5802 | 58 | 2 | 73.66 | 71.12 | 13.21 | 8.13 | 2.79 | ----- | 87914-5805 | 58 | 2 | 73.66 | 71.12 | 11.11 | 6.10 | 2.72 | | |
| | ----- | 87914-5803 | 58 | 3 | 73.66 | 71.12 | 13.21 | 8.13 | 2.79 | ----- | 87914-5806 | 58 | 3 | 73.66 | 71.12 | 11.11 | 6.10 | 2.72 | | |
| | ----- | 87914-6001 | 60 | 1 | 76.20 | 73.66 | 13.21 | 8.13 | 2.79 | ----- | 87914-6004 | 60 | 1 | 76.20 | 73.66 | 11.11 | 6.10 | 2.72 | | |
| | ----- | 87914-6002 | 60 | 2 | 76.20 | 73.66 | 13.21 | 8.13 | 2.79 | ----- | 87914-6005 | 60 | 2 | 76.20 | 73.66 | 11.11 | 6.10 | 2.72 | | |
| | ----- | 87914-6003 | 60 | 3 | 76.20 | 73.66 | 13.21 | 8.13 | 2.79 | ----- | 87914-6006 | 60 | 3 | 76.20 | 73.66 | 11.11 | 6.10 | 2.72 | | |

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|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| B | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| A | EWR# 1010 & 1021 EC NO: S2007-0182 DRWNS:SKL IM01 2006/09/11 CHKD:CWLAM 2006/09/12 APPR:KWLEE 2006/09/13 | QUALITY SYMBOLS =0 =0 | 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>± .005</td> <td>± .0004</td> </tr> <tr> <td>3 PLACES</td> <td>± .005</td> <td>± .0004</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.2</td> <td>± .008</td> </tr> <tr> <td>1 PLACE</td> <td>± .005</td> <td>± .0004</td> </tr> </table> | | mm | INCH | 4 PLACES | ± .005 | ± .0004 | 3 PLACES | ± .005 | ± .0004 | 2 PLACES | ± 0.2 | ± .008 | 1 PLACE | ± .005 | ± .0004 | DIMENSION STYLE MM ONLY | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | DRAWN BY SKL IM01 | DATE 2006/08/21 | TITLE CUSTOM HEADER C-GRID, SINGLE WAFER HDR, THROU HOLE, VERTICAL, LF | APPROVED BY KWLEE | DATE 2006/09/04 | MOLEX INCORPORATED | MATERIAL NO. | DOCUMENT NO. SD-87914-059 | SHEET NO. 7 OF 9 |
|---|--|-----------------------------|--------------------|--|--------|---------|------|----------|--------|---|----------|--------|---------|----------|-------|--------|---------|--------|---------|----------------------------|--------------|------------------------|----------------------------|----------------------|--------------------|---|----------------------|--------------------|--------------------|--------------|------------------------------|---------------------|
| | | | | | mm | INCH | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 4 PLACES | ± .005 | ± .0004 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 3 PLACES | ± .005 | ± .0004 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.2 | ± .008 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± .005 | ± .0004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | | | | | SEE TABLE | | | | | | | | | | | | | | | | | | | | | | |
| SIZE | | | | | | | | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| F | 10 | | 9 | | 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | | F | | | | | | | |
|-------|----------------------------|----------------------------|----------|--------------|-----------|-------|------|------|-------|----------------------------|----------------------------|----------|--------------|-----------|-------|-------|-------|-------|----------------------------|----------------------------|-------|----------|--------------|-----------|-------|-------|---|---|
| | PART NO FOR TRAY PACKAGING | PART NO FOR BULK PACKAGING | CKT SIZE | PLATING TYPE | DIMENSION | | | | | PART NO FOR TRAY PACKAGING | PART NO FOR BULK PACKAGING | CKT SIZE | PLATING TYPE | DIMENSION | | | | | PART NO FOR TRAY PACKAGING | PART NO FOR BULK PACKAGING | | CKT SIZE | PLATING TYPE | DIMENSION | | | | |
| | | | | | A | B | F | M | P | | | | | A | B | F | M | P | | | | | | A | B | F | M | P |
| ----- | 87914-6201 | 62 | 1 | 78.74 | 76.20 | 13.21 | 8.13 | 2.79 | ----- | 87914-6204 | 62 | 1 | 78.74 | 76.20 | 11.11 | 6.10 | 2.72 | ----- | 87914-6205 | 62 | 2 | 78.74 | 76.20 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-6202 | 62 | 2 | 78.74 | 76.20 | 13.21 | 8.13 | 2.79 | ----- | 87914-6206 | 62 | 3 | 78.74 | 76.20 | 11.11 | 6.10 | 2.72 | ----- | 87914-6207 | 62 | 1 | 78.74 | 76.20 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-6203 | 62 | 3 | 78.74 | 76.20 | 13.21 | 8.13 | 2.79 | ----- | 87914-6404 | 64 | 1 | 81.28 | 78.74 | 11.11 | 6.10 | 2.72 | ----- | 87914-6405 | 64 | 2 | 81.28 | 78.74 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-6401 | 64 | 1 | 81.28 | 78.74 | 13.21 | 8.13 | 2.79 | ----- | 87914-6406 | 64 | 3 | 81.28 | 78.74 | 11.11 | 6.10 | 2.72 | ----- | 87914-6604 | 66 | 1 | 83.82 | 81.28 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-6402 | 64 | 2 | 81.28 | 78.74 | 13.21 | 8.13 | 2.79 | ----- | 87914-6605 | 66 | 2 | 83.82 | 81.28 | 11.11 | 6.10 | 2.72 | ----- | 87914-6606 | 66 | 3 | 83.82 | 81.28 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-6403 | 64 | 3 | 81.28 | 78.74 | 13.21 | 8.13 | 2.79 | ----- | 87914-6804 | 68 | 1 | 86.36 | 83.82 | 11.11 | 6.10 | 2.72 | ----- | 87914-6805 | 68 | 2 | 86.36 | 83.82 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-6601 | 66 | 1 | 83.82 | 81.28 | 13.21 | 8.13 | 2.79 | ----- | 87914-6806 | 68 | 3 | 86.36 | 83.82 | 11.11 | 6.10 | 2.72 | ----- | 87914-7004 | 70 | 1 | 88.90 | 86.36 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-6602 | 66 | 2 | 83.82 | 81.28 | 13.21 | 8.13 | 2.79 | ----- | 87914-7005 | 70 | 2 | 88.90 | 86.36 | 11.11 | 6.10 | 2.72 | ----- | 87914-7006 | 70 | 3 | 88.90 | 86.36 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-6603 | 66 | 3 | 83.82 | 81.28 | 13.21 | 8.13 | 2.79 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | | |
| ----- | 87914-6801 | 68 | 1 | 86.36 | 83.82 | 13.21 | 8.13 | 2.79 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | | | |
| ----- | 87914-6802 | 68 | 2 | 86.36 | 83.82 | 13.21 | 8.13 | 2.79 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | | | |
| ----- | 87914-6803 | 68 | 3 | 86.36 | 83.82 | 13.21 | 8.13 | 2.79 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | | | |
| ----- | 87914-7001 | 70 | 1 | 88.90 | 86.36 | 13.21 | 8.13 | 2.79 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | | | |
| ----- | 87914-7002 | 70 | 2 | 88.90 | 86.36 | 13.21 | 8.13 | 2.79 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | | | |
| ----- | 87914-7003 | 70 | 3 | 88.90 | 86.36 | 13.21 | 8.13 | 2.79 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | | | |

B

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|---|-----------------------------|---|---|---|--|---------------------------|
| EWR# 1010 & 1021 EC NO: S2007-0182 DRWNS:SKL IM01 2006/09/11 CHKD:CWLAM 2006/09/12 APPR:KWLEE 2006/09/13 | 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 ± 0.2 ± --- 1 PLACE ± --- ± --- | DRAWN BY SKL IM01 CHECKED BY CWLAM APPROVED BY KWLEE | DATE 2006/08/21 DATE 2006/09/04 DATE 2006/09/04 | TITLE CUSTOM HEADER C-GRID, SINGLE WAFER HDR, THROU HOLE, VERTICAL, LF | MOLEX INCORPORATED |
| | | ANGULAR ± 3 ° | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-87914-059 | SHEET NO. 8 OF 9 | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SIZE A3 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |

| F | 10 | | 9 | | 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | | F | | | | | | | |
|-------|----------------------------|----------------------------|----------|--------------|-----------|-------|------|------|-------|----------------------------|----------------------------|----------|--------------|-----------|-------|------|------|-------|----------------------------|----------------------------|---|----------|--------------|-----------|------|------|---|---|
| | PART NO FOR TRAY PACKAGING | PART NO FOR BULK PACKAGING | CKT SIZE | PLATING TYPE | DIMENSION | | | | | PART NO FOR TRAY PACKAGING | PART NO FOR BULK PACKAGING | CKT SIZE | PLATING TYPE | DIMENSION | | | | | PART NO FOR TRAY PACKAGING | PART NO FOR BULK PACKAGING | | CKT SIZE | PLATING TYPE | DIMENSION | | | | |
| | | | | | A | B | F | M | P | | | | | A | B | F | M | P | | | | | | A | B | F | M | P |
| ----- | 87914-7201 | 72 | 1 | 91.44 | 88.90 | 13.21 | 8.13 | 2.79 | ----- | 87914-7204 | 72 | 1 | 91.44 | 88.90 | 11.11 | 6.10 | 2.72 | ----- | 87914-7205 | 72 | 2 | 91.44 | 88.90 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-7202 | 72 | 2 | 91.44 | 88.90 | 13.21 | 8.13 | 2.79 | ----- | 87914-7206 | 72 | 3 | 91.44 | 88.90 | 11.11 | 6.10 | 2.72 | ----- | 87914-7207 | 72 | 3 | 91.44 | 88.90 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-7203 | 72 | 3 | 91.44 | 88.90 | 13.21 | 8.13 | 2.79 | ----- | 87914-7401 | 74 | 1 | 93.98 | 91.44 | 11.11 | 6.10 | 2.72 | ----- | 87914-7402 | 74 | 2 | 93.98 | 91.44 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-7401 | 74 | 1 | 93.98 | 91.44 | 13.21 | 8.13 | 2.79 | ----- | 87914-7403 | 74 | 3 | 93.98 | 91.44 | 11.11 | 6.10 | 2.72 | ----- | 87914-7404 | 74 | 1 | 93.98 | 91.44 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-7402 | 74 | 2 | 93.98 | 91.44 | 13.21 | 8.13 | 2.79 | ----- | 87914-7405 | 74 | 2 | 93.98 | 91.44 | 11.11 | 6.10 | 2.72 | ----- | 87914-7406 | 74 | 3 | 93.98 | 91.44 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-7403 | 74 | 3 | 93.98 | 91.44 | 13.21 | 8.13 | 2.79 | ----- | 87914-7601 | 76 | 1 | 96.52 | 93.98 | 11.11 | 6.10 | 2.72 | ----- | 87914-7602 | 76 | 2 | 96.52 | 93.98 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-7601 | 76 | 1 | 96.52 | 93.98 | 13.21 | 8.13 | 2.79 | ----- | 87914-7603 | 76 | 3 | 96.52 | 93.98 | 11.11 | 6.10 | 2.72 | ----- | 87914-7604 | 76 | 1 | 96.52 | 93.98 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-7602 | 76 | 2 | 96.52 | 93.98 | 13.21 | 8.13 | 2.79 | ----- | 87914-7605 | 76 | 2 | 96.52 | 93.98 | 11.11 | 6.10 | 2.72 | ----- | 87914-7606 | 76 | 3 | 96.52 | 93.98 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-7603 | 76 | 3 | 96.52 | 93.98 | 13.21 | 8.13 | 2.79 | ----- | 87914-7801 | 78 | 1 | 99.06 | 96.52 | 11.11 | 6.10 | 2.72 | ----- | 87914-7802 | 78 | 2 | 99.06 | 96.52 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-7801 | 78 | 1 | 99.06 | 96.52 | 13.21 | 8.13 | 2.79 | ----- | 87914-7803 | 78 | 3 | 99.06 | 96.52 | 11.11 | 6.10 | 2.72 | ----- | 87914-7804 | 78 | 1 | 99.06 | 96.52 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-7802 | 78 | 2 | 99.06 | 96.52 | 13.21 | 8.13 | 2.79 | ----- | 87914-7805 | 78 | 2 | 99.06 | 96.52 | 11.11 | 6.10 | 2.72 | ----- | 87914-7806 | 78 | 3 | 99.06 | 96.52 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-7803 | 78 | 3 | 99.06 | 96.52 | 13.21 | 8.13 | 2.79 | ----- | 87914-8001 | 80 | 1 | 101.60 | 99.06 | 11.11 | 6.10 | 2.72 | ----- | 87914-8002 | 80 | 2 | 101.60 | 99.06 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-8001 | 80 | 1 | 101.60 | 99.06 | 13.21 | 8.13 | 2.79 | ----- | 87914-8003 | 80 | 3 | 101.60 | 99.06 | 11.11 | 6.10 | 2.72 | ----- | 87914-8004 | 80 | 1 | 101.60 | 99.06 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-8002 | 80 | 2 | 101.60 | 99.06 | 13.21 | 8.13 | 2.79 | ----- | 87914-8005 | 80 | 2 | 101.60 | 99.06 | 11.11 | 6.10 | 2.72 | ----- | 87914-8006 | 80 | 3 | 101.60 | 99.06 | 11.11 | 6.10 | 2.72 | | |
| ----- | 87914-8003 | 80 | 3 | 101.60 | 99.06 | 13.21 | 8.13 | 2.79 | ----- | | | | | | | | | ----- | | | | | | | | | | |

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|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| B | | | | | | | | | | | | | | | | | | | | B |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

| A | EWR# 1010 & 1021 EC NO: S2007-0182 DRWNS:SKL IM01 2006/09/11 CHKD:CWLAM 2006/09/12 APPR:KWLEE 2006/09/13 | QUALITY SYMBOLS =0 =0 | 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>± 0.2</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td colspan="3">ANGULAR ± 3 °</td> </tr> </table> | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.2 | ± --- | 1 PLACE | ± --- | ± --- | ANGULAR ± 3 ° | | | DIMENSION STYLE MM ONLY | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | DRAWN BY SKL IM01 | DATE 2006/08/21 | TITLE CUSTOM HEADER C-GRID, SINGLE WAFER HDR, THROU HOLE, VERTICAL, LF | CHECKED BY CWLAM | DATE 2006/09/04 | APPROVED BY KWLEE | DATE 2006/09/04 | | MATERIAL NO. | DOCUMENT NO. SD-87914-059 | SHEET NO. 9 OF 9 |
|---|--|-----------------------------|--|-------|----|------|----------|-------|-------|-----------|-------|-------|----------|-------|-------|---------|-------|-------|---------------|--|--|-----------------------------------|--------------|------------------------|----------------------------|----------------------|--------------------|--|---------------------|--------------------|----------------------|--------------------|--|--------------|-------------------------------------|----------------------------|
| | | | mm | INCH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.2 | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANGULAR ± 3 ° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | | | | | SEE TABLE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIZE A3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |