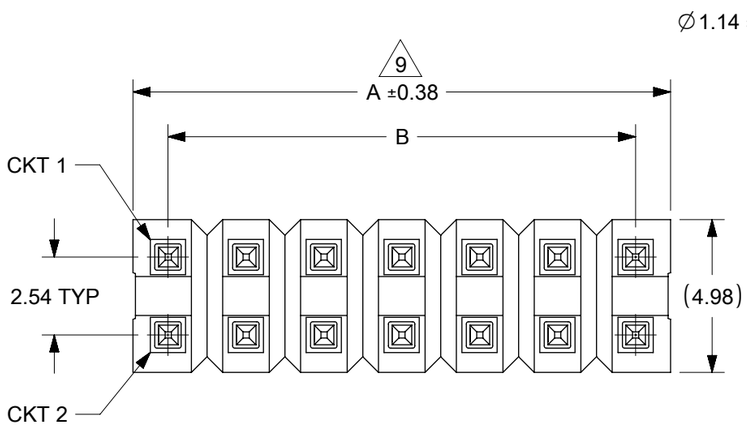
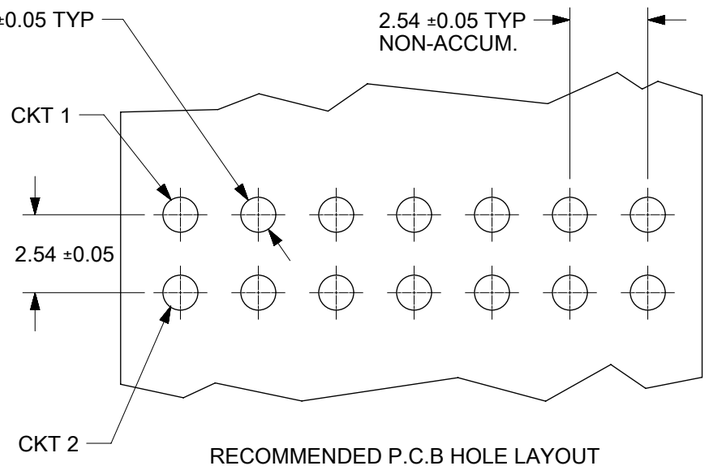
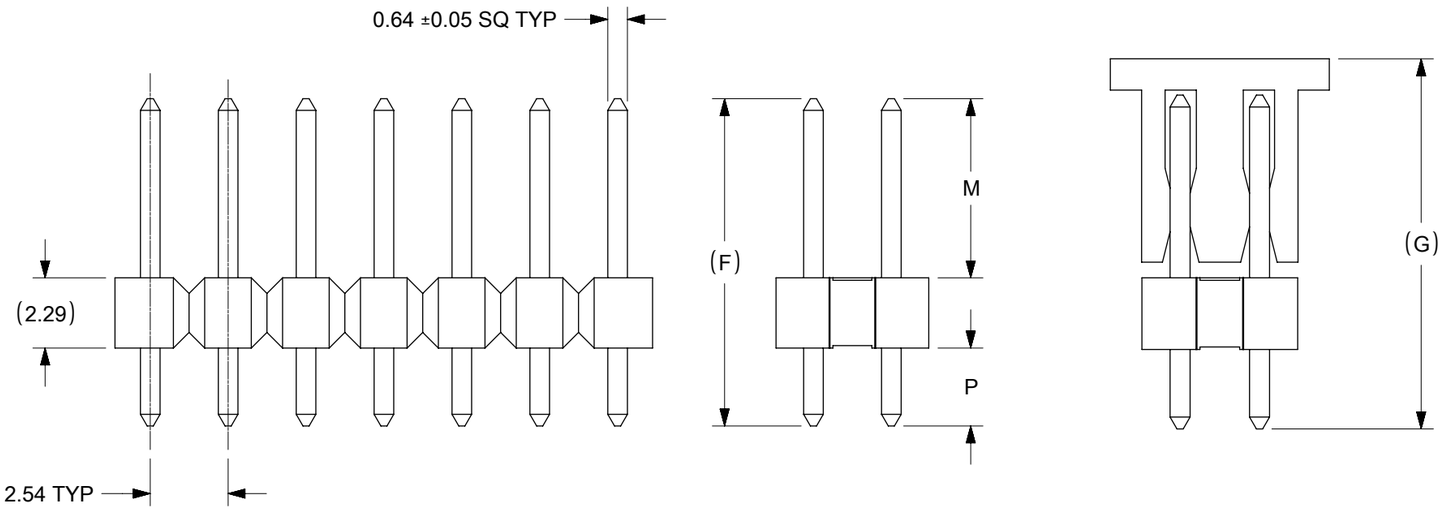
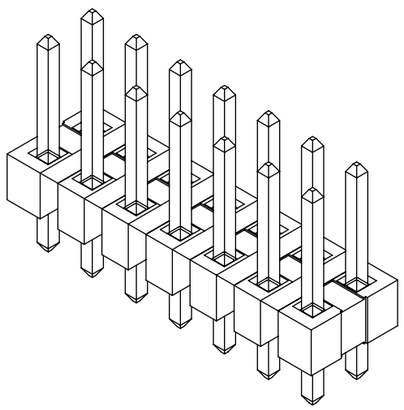



RECOMMENDED P.C.B HOLE LAYOUT



NOTES:

1. MATERIAL:
   HSG: LCP, GLASS-FILLED, UL94V-0,
   COLOR: BLACK
   PIN: 0.64MM SQ PIN, COPPER ALLOY
2. PLATING TYPE:
   (1) : 0.0254 µm GOLD FLASH OVER
   1.25 µm MIN. NICKEL OVERALL.
   (2) : 0.025 µm MIN. GOLD PLATE ON CONTACT AND
   1.88 µm MIN. TIN ON SOLDERTAIL OVER
   1.25 µm MIN. NICKEL OVERALL.
   (3) : 0.25 µm MIN. GOLD PLATE ON CONTACT AND
   1.88 µm MIN. TIN ON SOLDERTAIL OVER
   1.25 µm MIN. NICKEL OVERALL.
   (4) : 0.38 µm MIN. GOLD PLATE ON CONTACT AND
   1.88 µm MIN. TIN ON SOLDERTAIL OVER
   1.25 µm MIN. NICKEL OVERALL.
   (5) : 0.75 µm MIN. GOLD PLATE ON CONTACT AND
   1.88 µm MIN. TIN ON SOLDERTAIL OVER
   1.25 µm MIN. NICKEL OVERALL
   (6) : 2.50 µm MIN. TIN IN SELECTED AREA OVER
   1.25 m MIN. NICKEL OVERALL.
   (7) : 0.38 µm MIN. GOLD PLATE ON CONTACT AND
   2.50 µm MIN. TIN ON SOLDERTAIL OVER
   1.25 µm MIN. NICKEL OVERALL.
   (8) : 0.38 µm MIN. GOLD PLATE ON CONTACT AND
   0.05 µm MIN. GOLD FLASH ON SOLDERTAIL OVER
   1.25 µm MIN. NICKEL OVERALL.
   (9) : 0.05 - 0.25 µm MIN. GOLD FLASH OVER
   1.25 µm MIN. NICKEL OVERALL.
3. PIN PUSHOUT FORCE: 1KG MIN IN EITHER DIRECTION
4. THE ABOVE 14 CKT IS FOR ILLUSTRATION PURPOSE ONLY.
5. FOR PACKAGING OPTION PLEASE REFER TO THE TABLE.
6. RECOMMENDED PCB THICKNESS 1.60MM.
7. PRODUCT SPECIFICATION: PS-87920-019
8. WAFER TO BE FLAT WITHIN 0.003mm/mm
9. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE.
10. PARTS ARE NOT STACKABLE ON 2.54 CENTER
11. CAP TO BE PLACED AS CENTRAL OF PART AS POSSIBLE WITH THE TOP SURFACE FLAT FOR PICK AND PLACE.
12. PACKAGING SPECIFICATION:
    TRAY: PK-89990-489
    BULK: PK-89990-491
    TUBE: PK-87914-300

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

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 1 OF 45 |

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-0211 | ------- | ------- | ------- | ------- | 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 | |
| 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 | |
| 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 | |
| 87914-0217 | ------- | ------- | ------- | ------- | 2 | ------- | 6 | 2.54 | ---- | 10.92 | 5.84 | 2.79 | D22 |
| 87914-0226 | ------- | ------- | ------- | ------- | 2 | ------- | 6 | 2.54 | ---- | 12.25 | 7.00 | 2.96 | |
| 87914-0227 | ------- | ------- | ------- | ------- | 2 | ------- | 6 | 2.54 | ---- | 12.25 | 7.00 | 2.96 | D22 |
| 87914-0236 | ------- | ------- | ------- | ------- | 2 | ------- | 6 | 2.54 | ---- | 13.38 | 6.09 | 5.00 | |
| 87914-0204 | -------- | -------- | -------- | -------- | 2 | -------- | 4 | 2.54 | ---- | 11.11 | 6.10 | 2.72 | |
| 87914-0205 | ------- | ------- | --------- | -------- | 2 | -------- | 5 | 2.54 | --- | 11.11 | 6.10 | 2.72 | |
| 87914-0206 | ------- | --------- | --------- | -------- | 2 | --------- | 6 | 2.54 | --- | 11.11 | 6.10 | 2.72 | |
| 87914-0207 | ------- | --------- | --------- | -------- | 2 | --------- | 6 | 2.54 | --- | 11.11 | 6.10 | 2.72 | D22 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

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| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 2 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 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 | |
| 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 | |
| 87914-0417 | -------- | -------- | -------- | -------- | 4 | -------- | 6 | 5.08 | 2.54 | 10.92 | 5.84 | 2.79 | D22 |
| 87914-0426 | -------- | -------- | -------- | -------- | 4 | -------- | 6 | 5.08 | 2.54 | 12.25 | 7.00 | 2.96 | |
| 87914-0427 | -------- | -------- | -------- | -------- | 4 | -------- | 6 | 5.08 | 2.54 | 12.25 | 7.00 | 2.96 | D22 |
| 87914-0436 | -------- | -------- | -------- | -------- | 4 | -------- | 6 | 5.08 | 2.54 | 13.38 | 6.09 | 5.00 | |
| 87914-0401 | ------ | ------ | ------ | ------ | 4 | ------ | 4 | 5.08 | 2.54 | 13.21 | 8.13 | 2.79 | |
| 87914-0402 | -------- | -------- | -------- | -------- | 4 | -------- | 5 | 5.08 | 2.54 | 13.21 | 8.13 | 2.79 | |
| 87914-0403 | ------ | -------- | -------- | ------ | 4 | -------- | 6 | 5.08 | 2.54 | 13.21 | 8.13 | 2.79 | |
| 87914-0404 | -------- | --------- | --------- | -------- | 4 | -------- | 4 | 5.08 | 2.54 | 11.11 | 6.10 | 2.72 | |
| 87914-0405 | -------- | --------- | --------- | -------- | 4 | -------- | 5 | 5.08 | 2.54 | 11.11 | 6.10 | 2.72 | |
| 87914-0406 | -------- | -------- | --------- | -------- | 4 | -------- | 6 | 5.08 | 2.54 | 11.11 | 6.10 | 2.72 | |
| 87914-0408 | -------- | -------- | --------- | -------- | 4 | -------- | 6 | 5.08 | 2.54 | 11.11 | 6.10 | 2.72 | D22 |
| -------- | -------- | -------- | 87914-0407 | -------- | 4 | -------- | 6 | 5.08 | 2.54 | 17.49 | 12.60 | 2.60 | |

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| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 3 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
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| 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 | |
| 87914-0611 | -------- | -------- | -------- | -------- | 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 | ---- | |
| 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 | ---- | |
| 87914-0615 | -------- | -------- | -------- | D20 87914-0652 | 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 | ---- | |
| 87914-0617 | -------- | -------- | -------- | -------- | 6 | -------- | 6 | 7.62 | 5.08 | 10.92 | 5.84 | 2.79 | ---- | D22 |
| 87914-0626 | -------- | -------- | -------- | -------- | 6 | -------- | 6 | 7.62 | 5.08 | 12.25 | 7.00 | 2.96 | ---- | |
| 87914-0628 | -------- | -------- | -------- | -------- | 6 | -------- | 6 | 7.62 | 5.08 | 12.25 | 7.00 | 2.96 | ---- | D22 |
| 87914-0636 | -------- | -------- | -------- | -------- | 6 | -------- | 6 | 7.62 | 5.08 | 13.38 | 6.09 | 5.00 | ---- | |
| 87914-0601 | -------- | ------ | ----- | -------- | 6 | ------ | 4 | 7.62 | 5.08 | 13.21 | 8.13 | 2.79 | --- | |
| 87914-0602 | -------- | -------- | --------- | -------- | 6 | -------- | 5 | 7.62 | 5.08 | 13.21 | 8.13 | 2.79 | ---- | |
| 87914-0603 | -------- | -------- | -------- | --------- | 6 | -------- | 6 | 7.62 | 5.08 | 13.21 | 8.13 | 2.79 | --- | |
| 87914-0604 | ------ | -------- | -------- | -------- | 6 | -------- | 4 | 7.62 | 5.08 | 11.11 | 6.10 | 2.72 | --- | |
| 87914-0605 | -------- | -------- | -------- | -------- | 6 | ----- | 5 | 7.62 | 5.08 | 11.11 | 6.10 | 2.72 | --- | |
| 87914-0606 | -------- | -------- | -------- | -------- | 6 | ----- | 6 | 7.62 | 5.08 | 11.11 | 6.10 | 2.72 | --- | |
| 87914-0608 | -------- | -------- | -------- | -------- | 6 | ----- | 6 | 7.62 | 5.08 | 11.11 | 6.10 | 2.72 | --- | D22 |
| | | | | | | | | | | | | | | |

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| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
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APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 4 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
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FORMAT: Met-lega-master-tb-prod-A3
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| 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 | KINK POSITION | PLATING TYPE | DIMENSION | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | A | B | F | M | P | G |
| 87914-0009 | ------- | ------- | ------- | ------- | 6 | ------- | ------- | 1 | 7.62 | 5.08 | 18.84 | 13.25 | 3.30 | --- |
| 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 | --- |
| 87914-0647 | ------- | ------- | ------- | ------- | 6 | CKT 1, 3 & 5 | ------- | 6 | 7.62 | 5.08 | 16.49 | 11.20 | 3.00 | --- |
| ------- | 87914-0648 | ------- | ------- | ------- | 6 | ----- | CKT 1 & 6 | 6 | 7.62 | 5.08 | 14.78 | 9.31 | 3.18 | --- |
| ------- | ------- | ------- | ------- | 87914-0649 | 6 | ----- | ----- | 6 | 7.62 | 5.08 | 13.79 | 8.20 | 3.30 | 14.79 |
| 87914-0650 | ------- | ------- | ------- | ------- | 6 | ------- | ------- | 1 | 7.62 | 5.08 | 21.29 | 16.00 | 3.00 | --- |
| ------- | ------- | ------- | ------- | 87914-0651 | 6 | ------- | ------- | 4 | 7.62 | 5.08 | 17.29 | 12.00 | 3.00 | 18.29 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 5 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-0807 | -------- | -------- | -------- | -------- | 8 | -------- | 6 | 10.16 | 7.62 | 21.75 | 16.51 | 2.95 | ---- | |
| 87914-0818 | -------- | -------- | -------- | -------- | 8 | -------- | 6 | 10.16 | 7.62 | 21.75 | 16.51 | 2.95 | ---- | D22 |
| 87914-0108 | -------- | -------- | -------- | -------- | 8 | -------- | 6 | 10.16 | 7.62 | 16.50 | 11.11 | 3.10 | ---- | |
| 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 | ---- | |
| 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 | ---- | |
| 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 | ---- | |
| 87914-0819 | -------- | -------- | -------- | -------- | 8 | -------- | 6 | 10.16 | 7.62 | 10.92 | 5.84 | 2.79 | ---- | D22 |
| 87914-0826 | -------- | -------- | -------- | -------- | 8 | -------- | 6 | 10.16 | 7.62 | 12.25 | 7.00 | 2.96 | ---- | |
| 87914-0828 | -------- | -------- | -------- | -------- | 8 | -------- | 6 | 10.16 | 7.62 | 12.25 | 7.00 | 2.96 | ---- | D22 |
| 87914-0836 | -------- | -------- | -------- | -------- | 8 | -------- | 6 | 10.16 | 7.62 | 13.38 | 6.09 | 5.00 | ---- | |
| 87914-0801 | --------- | -------- | --------- | --------- | 8 | --------- | 4 | 10.16 | 7.62 | 13.21 | 8.13 | 2.79 | ---- | |
| 87914-0802 | --------- | --------- | --------- | --------- | 8 | -------- | 5 | 10.16 | 7.62 | 13.21 | 8.13 | 2.79 | --- | |
| 87914-0803 | --------- | --------- | -------- | -------- | 8 | -------- | 6 | 10.16 | 7.62 | 13.21 | 8.13 | 2.79 | --- | |
| 87914-0809 | --------- | --------- | -------- | -------- | 8 | -------- | 6 | 10.16 | 7.62 | 13.21 | 8.13 | 2.79 | --- | D22 |
| 87914-0804 | -------- | --------- | --------- | --------- | 8 | --------- | 4 | 10.16 | 7.62 | 11.11 | 6.10 | 2.72 | --- | |
| 87914-0805 | -------- | --------- | --------- | --------- | 8 | --------- | 5 | 10.16 | 7.62 | 11.11 | 6.10 | 2.72 | --- | |
| 87914-0806 | -------- | --------- | --------- | --------- | 8 | --------- | 6 | 10.16 | 7.62 | 11.11 | 6.10 | 2.72 | --- | |
| 87914-0810 | -------- | --------- | --------- | --------- | 8 | --------- | 6 | 10.16 | 7.62 | 11.11 | 6.10 | 2.72 | --- | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 6 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 |
| 87914-0841 | ------- | ------- | ------- | ------- | 8 | ------- | 1 | 10.16 | 7.62 | 13.51 | 8.75 | 2.47 |
| 87914-0842 | ------- | ------- | ------- | ------- | 8 | ------- | 2 | 10.16 | 7.62 | 13.51 | 8.75 | 2.47 |
| 87914-0843 | ------- | ------- | ------- | ------- | 8 | ------- | 3 | 10.16 | 7.62 | 13.51 | 8.75 | 2.47 |
| 87914-0844 | ------- | ------- | ------- | ------- | 8 | ------- | 4 | 10.16 | 7.62 | 13.51 | 8.75 | 2.47 |
| 87914-0845 | ------- | ------- | ------- | ------- | 8 | ------- | 5 | 10.16 | 7.62 | 13.51 | 8.75 | 2.47 |
| 87914-0847 | ------- | ------- | ------- | ------- | 8 | ------- | 6 | 10.16 | 7.62 | 26.70 | 20.76 | 3.65 |
| ------- | 87914-0848 | ------- | ------- | ------- | 8 | ------- | 4 | 10.16 | 7.62 | 14.34 | 9.05 | 3.00 |
| 87914-0876 | ------- | ------- | ------- | ------- | 8 | ------- | 6 | 10.16 | 7.62 | 11.94 | 6.75 | 2.90 |
| 87914-0005 | ------- | ------- | ------- | ------- | 8 | ------- | 6 | 10.16 | 7.62 | 13.51 | 8.75 | 2.47 |
| 87914-0851 | D21 ------- | ------- | ------- | ------- | 8 | ------- | 6 | 10.16 | 7.62 | 25.90 | 19.81 | 3.80 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 7 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-0001 | -------- | -------- | -------- | -------- | -------- | 10 | -------- | 4 | 12.70 | 10.16 | 12.07 | 5.97 | 3.81 | ---- | |
| 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 | ---- | |
| 87914-1018 | -------- | -------- | -------- | -------- | -------- | 10 | -------- | 6 | 12.70 | 10.16 | 10.92 | 5.84 | 2.79 | ---- | D22 |
| 87914-1026 | -------- | -------- | -------- | -------- | -------- | 10 | -------- | 6 | 12.70 | 10.16 | 12.25 | 7.00 | 2.96 | ---- | |
| 87914-1027 | -------- | -------- | -------- | -------- | -------- | 10 | -------- | 6 | 12.70 | 10.16 | 12.25 | 7.00 | 2.96 | ---- | D22 |
| 87914-1036 | -------- | -------- | -------- | -------- | -------- | 10 | -------- | 6 | 12.70 | 10.16 | 13.38 | 6.09 | 5.00 | ---- | |
| ------- | -------- | -------- | -------- | -------- | 87914-1037 | 10 | 9 | 4 | 12.70 | 10.16 | 10.92 | 5.84 | 2.79 | ---- | |
| 87914-1001 | -------- | -------- | -------- | -------- | -------- | 10 | ------ | ------ | 12.70 | 10.16 | 13.21 | 8.13 | 2.79 | --- | |
| 87914-1002 | -------- | -------- | -------- | -------- | -------- | 10 | ------ | ------ | 12.70 | 10.16 | 13.21 | 8.13 | 2.79 | --- | |
| 87914-1003 | -------- | -------- | -------- | -------- | -------- | 10 | ------ | ------ | 12.70 | 10.16 | 13.21 | 8.13 | 2.79 | --- | |
| 87914-1007 | -------- | -------- | -------- | -------- | -------- | 10 | ------ | ------ | 12.70 | 10.16 | 13.21 | 8.13 | 2.79 | --- | D22 |
| 87914-1004 | -------- | -------- | -------- | -------- | -------- | 10 | ------ | ------ | 12.70 | 10.16 | 13.21 | 6.10 | 2.72 | --- | |
| 87914-1005 | -------- | -------- | -------- | -------- | -------- | 10 | ------ | ------ | 12.70 | 10.16 | 13.21 | 6.10 | 2.72 | --- | |
| 87914-1006 | ------ | -------- | -------- | -------- | -------- | 10 | ------ | ------ | 12.70 | 10.16 | 13.21 | 6.10 | 2.72 | --- | |
| 87914-1008 | ------ | -------- | -------- | -------- | -------- | 10 | ------ | ------ | 12.70 | 10.16 | 13.21 | 6.10 | 2.72 | --- | D22 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 8 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-lib-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-1211 | ------- | ------- | ------- | ------- | 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 | |
| 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 | |
| 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 | |
| 87914-1218 | ------- | ------- | ------- | ------- | 12 | ------- | 6 | 15.24 | 12.70 | 10.92 | 5.84 | 2.79 | D22 |
| 87914-1226 | ------- | ------- | ------- | ------- | 12 | ------- | 6 | 15.24 | 12.70 | 12.25 | 7.00 | 2.96 | |
| 87914-1228 | ------- | ------- | ------- | ------- | 12 | ------- | 6 | 15.24 | 12.70 | 12.25 | 7.00 | 2.96 | D22 |
| 87914-1236 | ------- | ------- | ------- | ------- | 12 | ------- | 6 | 15.24 | 12.70 | 13.38 | 6.09 | 5.00 | |
| 87914-1246 | ------- | ------- | ------- | ------- | 12 | ------- | 5 | 15.24 | 12.70 | 29.26 | 23.32 | 3.65 | |
| 87914-1247 | ------- | ------- | ------- | ------- | 12 | ------- | 5 | 15.24 | 12.70 | 29.26 | 23.32 | 3.65 | D22 |


| 87914-1247 | ------- | ------- | ------- | ------- | 12 | ------- | 5 | 15.24 | 12.70 | 29.26 | 23.32 | 3.65 | D22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 9 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Mel-lega-master-lib-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | ------- | ------- | ------- | ------- | 12 | ------- | 1 | 15.24 | 12.70 | 18.40 | 13.08 | 3.03 |
| 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 |
| 87914-1201 | ------- | ------- | ------- | ------- | 12 | ------- | 4 | 15.24 | 12.70 | 13.21 | 8.13 | 2.79 |
| 87914-1202 | ------- | ------- | ------- | ------- | 12 | ------- | 5 | 15.24 | 12.70 | 13.21 | 8.13 | 2.79 |
| 87914-1203 | ------- | ------- | ------- | ------- | 12 | ------- | 6 | 15.24 | 12.70 | 13.21 | 8.13 | 2.79 |
| 87914-1204 | ------- | ------- | ------- | ------- | 12 | ------- | 4 | 15.24 | 12.70 | 11.11 | 6.10 | 2.72 |
| 87914-1205 | ------- | ------- | ------- | ------- | 12 | ------- | 5 | 15.24 | 12.70 | 11.11 | 6.10 | 2.72 |
| 87914-1206 | ------- | ------- | ------- | ------- | 12 | ------- | 6 | 15.24 | 12.70 | 11.11 | 6.10 | 2.72 |
| 87914-1207 | ------- | ------- | ------- | ------- | 12 | ------- | 6 | 15.24 | 12.70 | 11.11 | 6.10 | 2.72 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

D22

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 10 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 |
| 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 |
| 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 |
| 87914-1417 | -------- | -------- | -------- | -------- | 14 | -------- | 6 | 17.78 | 15.24 | 10.92 | 5.84 | 2.79 (D22) |
| 87914-1426 | -------- | -------- | -------- | -------- | 14 | -------- | 6 | 17.78 | 15.24 | 12.25 | 7.00 | 2.96 |
| 87914-1427 | -------- | -------- | -------- | -------- | 14 | -------- | 6 | 17.78 | 15.24 | 12.25 | 7.00 | 2.96 (D22) |
| 87914-1436 | -------- | -------- | -------- | -------- | 14 | -------- | 6 | 17.78 | 15.24 | 13.38 | 6.09 | 5.00 |
| 87914-1401 | -------- | -------- | -------- | -------- | 14 | -------- | 4 | 17.78 | 15.24 | 13.21 | 8.13 | 2.79 |
| 87914-1402 | -------- | -------- | -------- | -------- | 14 | -------- | 5 | 17.78 | 15.24 | 13.21 | 8.13 | 2.79 |
| 87914-1403 | -------- | -------- | -------- | -------- | 14 | -------- | 6 | 17.78 | 15.24 | 13.21 | 8.13 | 2.79 |
| 87914-1404 | -------- | -------- | -------- | -------- | 14 | -------- | 4 | 17.78 | 15.24 | 11.11 | 6.10 | 2.72 |
| 87914-1405 | -------- | -------- | -------- | -------- | 14 | -------- | 5 | 17.78 | 15.24 | 11.11 | 6.10 | 2.72 |
| 87914-1406 | -------- | -------- | -------- | -------- | 14 | -------- | 6 | 17.78 | 15.24 | 11.11 | 6.10 | 2.72 |
| 87914-1407 | -------- | -------- | -------- | -------- | 14 | -------- | 6 | 17.78 | 15.24 | 11.11 | 6.10 | 2.72 (D22) |
| 87914-0007 | -------- | -------- | -------- | -------- | 14 | -------- | 5 | 17.78 | 15.24 | 13.42 | 8.08 | 3.05 |
| | | | | | | | | | | | | |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 11 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | KINK POSITION | PLATING TYPE | DIMENSION | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | A | B | F | M | P | G |
| 87914-1441 | -------- | -------- | -------- | -------- | 14 | -------- | -------- | 1 | 17.78 | 15.24 | 13.42 | 8.08 | 3.05 | --- |
| 87914-1442 | -------- | -------- | -------- | -------- | 14 | -------- | -------- | 2 | 17.78 | 15.24 | 13.42 | 8.08 | 3.05 | --- |
| 87914-1443 | -------- | -------- | -------- | -------- | 14 | -------- | -------- | 3 | 17.78 | 15.24 | 13.42 | 8.08 | 3.05 | --- |
| 87914-1444 | -------- | -------- | -------- | -------- | 14 | -------- | -------- | 4 | 17.78 | 15.24 | 13.42 | 8.08 | 3.05 | --- |
| 87914-1445 | -------- | -------- | -------- | -------- | 14 | -------- | -------- | 5 | 17.78 | 15.24 | 13.42 | 8.08 | 3.05 | --- |
| -------- | 87914-1446 | -------- | -------- | -------- | 14 | -------- | CKT 1, 2, 13 & 14 | 6 | 17.78 | 15.24 | 14.58 | 9.11 | 3.18 | --- |
| -------- | -------- | -------- | -------- | 87914-1447 | 14 | -------- | -------- | 6 | 17.78 | 15.24 | 13.79 | 8.20 | 3.30 | 14.79 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 12 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-1611 | -------- | -------- | -------- | -------- | 16 | -------- | 1 | 20.32 | 17.78 | 10.92 | 5.84 | 2.79 | |
| 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 | |
| 87914-1613 | -------- | -------- | -------- | -------- | 16 | -------- | 3 | 20.32 | 17.78 | 10.92 | 5.84 | 2.79 | |
| 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 | |
| 87914-1615 | -------- | -------- | -------- | -------- | 16 | -------- | 5 | 20.32 | 17.78 | 10.92 | 5.84 | 2.79 | |
| 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 | |
| 87914-1617 | -------- | -------- | -------- | -------- | 16 | -------- | 6 | 20.32 | 17.78 | 10.92 | 5.84 | 2.79 | D22 |
| 87914-1626 | -------- | -------- | -------- | -------- | 16 | -------- | 6 | 20.32 | 17.78 | 12.25 | 7.00 | 2.96 | |
| 87914-1627 | -------- | -------- | -------- | -------- | 16 | -------- | 6 | 20.32 | 17.78 | 12.25 | 7.00 | 2.96 | D22 |
| 87914-1636 | -------- | -------- | -------- | -------- | 16 | -------- | 6 | 20.32 | 17.78 | 13.38 | 6.09 | 5.00 | |
| 87914-1601 | -------- | -------- | -------- | -------- | 16 | -------- | 4 | 20.32 | 17.78 | 13.21 | 8.13 | 2.79 | |
| 87914-1602 | -------- | -------- | -------- | -------- | 16 | -------- | 5 | 20.32 | 17.78 | 13.21 | 8.13 | 2.79 | |
| 87914-1603 | -------- | -------- | -------- | -------- | 16 | -------- | 6 | 20.32 | 17.78 | 13.21 | 8.13 | 2.79 | |
| 87914-1604 | -------- | -------- | -------- | -------- | 16 | -------- | 4 | 20.32 | 17.78 | 11.11 | 6.10 | 2.72 | |
| 87914-1605 | -------- | -------- | -------- | -------- | 16 | -------- | 5 | 20.32 | 17.78 | 11.11 | 6.10 | 2.72 | |
| 87914-1606 | -------- | -------- | -------- | -------- | 16 | -------- | 6 | 20.32 | 17.78 | 11.11 | 6.10 | 2.72 | |
| 87914-1608 | -------- | -------- | -------- | -------- | 16 | -------- | 6 | 20.32 | 17.78 | 11.11 | 6.10 | 2.72 | D22 |
| 87914-1650 | -------- | -------- | -------- | -------- | 16 | -------- | 5 | 20.32 | 17.78 | 12.49 | 7.40 | 2.80 | |
| 87914-1600 | -------- | -------- | -------- | -------- | 16 | -------- | 5 | 20.32 | 17.78 | 9.49 | 4.50. | 2.70 | |
| 87914-1607 | -------- | -------- | -------- | -------- | 16 | -------- | 5 | 20.32 | 17.78 | 9.49 | 4.50. | 2.70 | D22 |
| 87914-1637 | -------- | -------- | -------- | -------- | 16 | -------- | 5 | 20.32 | 17.78 | 15.79 | 10.45 | 3.05 | |
| 87914-1652 | -------- | -------- | -------- | -------- | 16 | -------- | 5 | 20.32 | 17.78 | 25.90 | 19.81 | 3.80 | |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| | |
|---|---|
| DIMENSION UNITS | mm |
| SCALE | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 13 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-lib-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | ---- | |
| 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 | ---- | |
| 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 | ---- | |
| 87914-1817 | -------- | -------- | -------- | -------- | 18 | -------- | 6 | 22.86 | 20.32 | 10.92 | 5.84 | 2.79 | ---- | D22 |
| 87914-1826 | -------- | -------- | -------- | -------- | 18 | -------- | 6 | 22.86 | 20.32 | 12.25 | 7.00 | 2.96 | ---- | |
| 87914-1827 | -------- | -------- | -------- | -------- | 18 | -------- | 6 | 22.86 | 20.32 | 12.25 | 7.00 | 2.96 | ---- | D22 |
| 87914-1836 | -------- | -------- | -------- | -------- | 18 | -------- | 6 | 22.86 | 20.32 | 13.38 | 6.09 | 5.00 | ---- | |
| 87914-1801 | -------- | -------- | -------- | -------- | 18 | -------- | 4 | 22.86 | 20.32 | 13.21 | 8.13 | 2.79 | --- | |
| 87914-1802 | -------- | -------- | -------- | -------- | 18 | -------- | 5 | 22.86 | 20.32 | 13.21 | 8.13 | 2.79 | --- | |
| 87914-1803 | -------- | -------- | -------- | -------- | 18 | -------- | 6 | 22.86 | 20.32 | 13.21 | 8.13 | 2.79 | --- | |
| 87914-1804 | -------- | -------- | -------- | -------- | 18 | -------- | 4 | 22.86 | 20.32 | 11.11 | 6.10 | 2.72 | --- | |
| 87914-1805 | -------- | -------- | -------- | -------- | 18 | -------- | 5 | 22.86 | 20.32 | 11.11 | 6.10 | 2.72 | --- | |
| 87914-1806 | -------- | -------- | -------- | -------- | 18 | -------- | 6 | 22.86 | 20.32 | 11.11 | 6.10 | 2.72 | --- | |
| 87914-1809 | -------- | -------- | -------- | -------- | 18 | -------- | 6 | 22.86 | 20.32 | 11.11 | 6.10 | 2.72 | --- | D22 |
| ------- | -------- | 87914-1807 | -------- | -------- | 18 | -------- | 5 | 22.86 | 20.32 | 17.02 | 11.05 | 3.68 | 18.02 | |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 14 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-lib-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-2011 | -------- | -------- | -------- | -------- | 20 | -------- | 1 | 25.40 | 22.86 | 10.92 | 5.84 | 2.79 | |
| 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 | |
| 87914-2013 | -------- | -------- | -------- | -------- | 20 | -------- | 3 | 25.40 | 22.86 | 10.92 | 5.84 | 2.79 | |
| 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 | |
| 87914-2015 | -------- | -------- | -------- | -------- | 20 | -------- | 5 | 25.40 | 22.86 | 10.92 | 5.84 | 2.79 | |
| 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 | |
| 87914-2017 | -------- | -------- | -------- | -------- | 20 | -------- | 6 | 25.40 | 22.86 | 10.92 | 5.84 | 2.79 | D22 |
| 87914-2026 | -------- | -------- | -------- | -------- | 20 | -------- | 6 | 25.40 | 22.86 | 12.25 | 7.00 | 2.96 | |
| 87914-2027 | -------- | -------- | -------- | -------- | 20 | -------- | 6 | 25.40 | 22.86 | 12.25 | 7.00 | 2.96 | D22 |
| 87914-2036 | -------- | -------- | -------- | -------- | 20 | -------- | 6 | 25.40 | 22.86 | 13.38 | 6.09 | 5.00 | |
| 87914-2037 | -------- | -------- | -------- | -------- | 20 | -------- | 6 | 25.40 | 22.86 | 13.38 | 6.09 | 5.00 | D22 |
| 87914-2001 | -------- | -------- | -------- | -------- | 20 | -------- | 4 | 25.40 | 22.86 | 13.21 | 8.13 | 2.79 | |
| 87914-2002 | -------- | -------- | -------- | -------- | 20 | -------- | 5 | 25.40 | 22.86 | 13.21 | 8.13 | 2.79 | |
| 87914-2003 | -------- | -------- | -------- | -------- | 20 | -------- | 6 | 25.40 | 22.86 | 13.21 | 8.13 | 2.79 | |
| 87914-2004 | -------- | -------- | -------- | -------- | 20 | -------- | 4 | 25.40 | 22.86 | 11.11 | 6.10 | 2.72 | |
| 87914-2005 | -------- | -------- | -------- | -------- | 20 | -------- | 5 | 25.40 | 22.86 | 11.11 | 6.10 | 2.72 | |
| 87914-2006 | -------- | -------- | -------- | -------- | 20 | -------- | 6 | 25.40 | 22.86 | 11.11 | 6.10 | 2.72 | |
| 87914-2008 | -------- | -------- | -------- | -------- | 20 | -------- | 6 | 25.40 | 22.86 | 11.11 | 6.10 | 2.72 | D22 |
| 87914-2051 | -------- | -------- | -------- | -------- | 20 | -------- | 6 | 25.40 | 22.86 | 18.29 | 13.00 | 3.00 | |
| 87914-0201 | -------- | -------- | -------- | -------- | 20 | -------- | 5 | 25.40 | 22.86 | 18.84 | 13.46 | 3.09 | |
| 87914-0202 | -------- | -------- | -------- | -------- | 20 | -------- | 5 | 25.40 | 22.86 | 18.84 | 13.46 | 3.09 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 15 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-lib-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-2211 | -------- | -------- | -------- | -------- | 22 | -------- | 1 | 27.94 | 25.40 | 10.92 | 5.84 | 2.79 | |
| 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 | |
| 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 | |
| 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 | |
| 87914-2217 | -------- | -------- | -------- | -------- | 22 | -------- | 6 | 27.94 | 25.40 | 10.92 | 5.84 | 2.79 | D22 |
| 87914-2226 | -------- | -------- | -------- | -------- | 22 | -------- | 6 | 27.94 | 25.40 | 12.25 | 7.00 | 2.96 | |
| 87914-2227 | -------- | -------- | -------- | -------- | 22 | -------- | 6 | 27.94 | 25.40 | 12.25 | 7.00 | 2.96 | D22 |
| 87914-2236 | -------- | -------- | -------- | -------- | 22 | -------- | 6 | 27.94 | 25.40 | 13.38 | 6.09 | 5.00 | |
| 87914-2201 | -------- | -------- | -------- | -------- | 22 | -------- | 4 | 27.94 | 25.40 | 13.21 | 8.13 | 2.79 | |
| 87914-2202 | -------- | -------- | -------- | -------- | 22 | -------- | 5 | 27.94 | 25.40 | 13.21 | 8.13 | 2.79 | |
| 87914-2203 | -------- | -------- | -------- | -------- | 22 | -------- | 6 | 27.94 | 25.40 | 13.21 | 8.13 | 2.79 | |
| 87914-2204 | -------- | -------- | -------- | -------- | 22 | -------- | 4 | 27.94 | 25.40 | 11.11 | 6.10 | 2.72 | |
| 87914-2205 | -------- | -------- | -------- | -------- | 22 | -------- | 5 | 27.94 | 25.40 | 11.11 | 6.10 | 2.72 | |
| 87914-2206 | -------- | -------- | -------- | -------- | 22 | -------- | 6 | 27.94 | 25.40 | 11.11 | 6.10 | 2.72 | |
| 87914-2207 | -------- | -------- | -------- | -------- | 22 | -------- | 6 | 27.94 | 25.40 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: mm
SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 16 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-2411 | ------- | ------- | ------- | ------- | 24 | ------- | 1 | 30.48 | 27.94 | 10.92 | 5.84 | 2.79 | |
| 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 | |
| 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 | |
| 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 | |
| 87914-2417 | ------- | ------- | ------- | ------- | 24 | ------- | 6 | 30.48 | 27.94 | 10.92 | 5.84 | 2.79 | D22 |
| 87914-2426 | ------- | ------- | ------- | ------- | 24 | ------- | 6 | 30.48 | 27.94 | 12.25 | 7.00 | 2.96 | |
| 87914-2427 | ------- | ------- | ------- | ------- | 24 | ------- | 6 | 30.48 | 27.94 | 12.25 | 7.00 | 2.96 | D22 |
| 87914-2436 | ------- | ------- | ------- | ------- | 24 | ------- | 6 | 30.48 | 27.94 | 13.38 | 6.09 | 5.00 | |
| 87914-2401 | ------- | ------- | ------- | ------- | 24 | ------- | 4 | 30.48 | 27.94 | 13.21 | 8.13 | 2.79 | |
| 87914-2402 | ------- | ------- | ------- | ------- | 24 | ------- | 5 | 30.48 | 27.94 | 13.21 | 8.13 | 2.79 | |
| 87914-2403 | ------- | ------- | ------- | ------- | 24 | ------- | 6 | 30.48 | 27.94 | 13.21 | 8.13 | 2.79 | |
| 87914-2404 | ------- | ------- | ------- | ------- | 24 | ------- | 4 | 30.48 | 27.94 | 11.11 | 6.10 | 2.72 | |
| 87914-2405 | ------- | ------- | ------- | ------- | 24 | ------- | 5 | 30.48 | 27.94 | 11.11 | 6.10 | 2.72 | |
| 87914-2406 | ------- | ------- | ------- | ------- | 24 | ------- | 6 | 30.48 | 27.94 | 11.11 | 6.10 | 2.72 | |
| 87914-2407 | ------- | ------- | ------- | ------- | 24 | ------- | 6 | 30.48 | 27.94 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 17 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-2611 | -------- | -------- | -------- | -------- | 26 | -------- | 1 | 33.02 | 30.48 | 10.92 | 5.84 | 2.79 | |
| 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 | |
| 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 | |
| 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 | |
| 87914-2617 | -------- | -------- | -------- | -------- | 26 | -------- | 6 | 33.02 | 30.48 | 10.92 | 5.84 | 2.79 | D22 |
| 87914-2626 | -------- | -------- | -------- | -------- | 26 | -------- | 6 | 33.02 | 30.48 | 12.25 | 7.00 | 2.96 | |
| 87914-2627 | -------- | -------- | -------- | -------- | 26 | -------- | 6 | 33.02 | 30.48 | 12.25 | 7.00 | 2.96 | D22 |
| 87914-2636 | -------- | -------- | -------- | -------- | 26 | -------- | 6 | 33.02 | 30.48 | 13.38 | 6.09 | 5.00 | |
| 87914-2601 | -------- | -------- | -------- | -------- | 26 | -------- | 4 | 33.02 | 30.48 | 13.21 | 8.13 | 2.79 | |
| 87914-2602 | -------- | -------- | -------- | -------- | 26 | -------- | 5 | 33.02 | 30.48 | 13.21 | 8.13 | 2.79 | |
| 87914-2603 | -------- | -------- | -------- | -------- | 26 | -------- | 6 | 33.02 | 30.48 | 13.21 | 8.13 | 2.79 | |
| 87914-2604 | -------- | -------- | -------- | -------- | 26 | -------- | 4 | 33.02 | 30.48 | 11.11 | 6.10 | 2.72 | |
| 87914-2605 | -------- | -------- | -------- | -------- | 26 | -------- | 5 | 33.02 | 30.48 | 11.11 | 6.10 | 2.72 | |
| 87914-2606 | -------- | -------- | -------- | -------- | 26 | -------- | 6 | 33.02 | 30.48 | 11.11 | 6.10 | 2.72 | |
| 87914-2607 | -------- | -------- | -------- | -------- | 26 | -------- | 6 | 33.02 | 30.48 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 18 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-2811 | ------- | ------- | ------- | ------- | 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 | |
| 87914-2813 | ------- | ------- | ------- | ------- | 28 | ------- | 3 | 35.56 | 33.02 | 10.92 | 5.84 | 2.79 | |
| 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 | |
| 87914-2815 | ------- | ------- | ------- | ------- | 28 | ------- | 5 | 35.56 | 33.02 | 10.92 | 5.84 | 2.79 | |
| 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 | |
| 87914-2817 | ------- | ------- | ------- | ------- | 28 | ------- | 6 | 35.56 | 33.02 | 10.92 | 5.84 | 2.79 | D22 |
| 87914-2826 | ------- | ------- | ------- | ------- | 28 | ------- | 6 | 35.56 | 33.02 | 12.25 | 7.00 | 2.96 | |
| 87914-2827 | ------- | ------- | ------- | ------- | 28 | ------- | 6 | 35.56 | 33.02 | 12.25 | 7.00 | 2.96 | D22 |
| 87914-2836 | ------- | ------- | ------- | ------- | 28 | ------- | 6 | 35.56 | 33.02 | 13.38 | 6.09 | 5.00 | |
| 87914-2801 | ------- | ------- | ------- | ------- | 28 | ------- | 4 | 35.56 | 33.02 | 13.21 | 8.13 | 2.79 | |
| 87914-2802 | ------- | ------- | ------- | ------- | 28 | ------- | 5 | 35.56 | 33.02 | 13.21 | 8.13 | 2.79 | |
| 87914-2803 | ------- | ------- | ------- | ------- | 28 | ------- | 6 | 35.56 | 33.02 | 13.21 | 8.13 | 2.79 | |
| 87914-2804 | ------- | ------- | ------- | ------- | 28 | ------- | 4 | 35.56 | 33.02 | 11.11 | 6.10 | 2.72 | |
| 87914-2805 | ------- | ------- | ------- | ------- | 28 | ------- | 5 | 35.56 | 33.02 | 11.11 | 6.10 | 2.72 | |
| 87914-2806 | ------- | ------- | ------- | ------- | 28 | ------- | 6 | 35.56 | 33.02 | 11.11 | 6.10 | 2.72 | |
| 87914-2807 | ------- | ------- | ------- | ------- | 28 | ------- | 6 | 35.56 | 33.02 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 19 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-3011 | -------- | -------- | -------- | -------- | 30 | -------- | 1 | 38.10 | 35.56 | 10.92 | 5.84 | 2.79 | --- | |
| 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 | --- | |
| 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 | --- | |
| 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 | --- | |
| 87914-3017 | -------- | -------- | -------- | -------- | 30 | -------- | 6 | 38.10 | 35.56 | 10.92 | 5.84 | 2.79 | --- | D22 |
| 87914-3026 | -------- | -------- | -------- | -------- | 30 | -------- | 6 | 38.10 | 35.56 | 12.25 | 7.00 | 2.96 | --- | |
| 87914-3027 | -------- | -------- | -------- | -------- | 30 | -------- | 6 | 38.10 | 35.56 | 12.25 | 7.00 | 2.96 | --- | D22 |
| 87914-3036 | -------- | -------- | -------- | -------- | 30 | -------- | 6 | 38.10 | 35.56 | 13.38 | 6.09 | 5.00 | --- | |
| 87914-3001 | -------- | -------- | -------- | -------- | 30 | -------- | 4 | 38.10 | 35.56 | 13.21 | 8.13 | 2.79 | --- | |
| 87914-3002 | -------- | -------- | -------- | -------- | 30 | -------- | 5 | 38.10 | 35.56 | 13.21 | 8.13 | 2.79 | --- | |
| 87914-3003 | -------- | -------- | -------- | -------- | 30 | -------- | 6 | 38.10 | 35.56 | 13.21 | 8.13 | 2.79 | --- | |
| 87914-3004 | -------- | -------- | -------- | -------- | 30 | -------- | 4 | 38.10 | 35.56 | 11.11 | 6.10 | 2.72 | --- | |
| 87914-3005 | -------- | -------- | -------- | -------- | 30 | -------- | 5 | 38.10 | 35.56 | 11.11 | 6.10 | 2.72 | --- | |
| 87914-3006 | -------- | -------- | -------- | -------- | 30 | -------- | 6 | 38.10 | 35.56 | 11.11 | 6.10 | 2.72 | --- | |
| 87914-3007 | -------- | -------- | -------- | -------- | 30 | -------- | 6 | 38.10 | 35.56 | 11.11 | 6.10 | 2.72 | --- | D22 |
| ------- | -------- | -------- | -------- | 87914-3037 | 30 | -------- | 6 | 38.10 | 35.56 | 15.29 | 10.00 | 3.00 | 16.29 | |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 20 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-lib-prod-A3
REVISION: E
DATE: 2020/01/14

| PART NO FOR TRAY PACKAGING | 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 |
| ------- | 87914-0032 | ------- | ------- | ------- | ------- | 32 | ------- | 5 | 40.64 | 38.10 | 7.62 | 3.05 | 2.28 |
| 87914-3211 | ------- | ------- | ------- | ------- | ------- | 32 | ------- | 1 | 40.64 | 38.10 | 10.92 | 5.84 | 2.79 |
| 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 |
| 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 |
| 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 |
| 87914-3217 | ------- | ------- | ------- | ------- | ------- | 32 | ------- | 6 | 40.64 | 38.10 | 10.92 | 5.84 | 2.79 (D22) |
| 87914-3226 | ------- | ------- | ------- | ------- | ------- | 32 | ------- | 6 | 40.64 | 38.10 | 12.25 | 7.00 | 2.96 |
| 87914-3227 | ------- | ------- | ------- | ------- | ------- | 32 | ------- | 6 | 40.64 | 38.10 | 12.25 | 7.00 | 2.96 (D22) |
| 87914-3236 | ------- | ------- | ------- | ------- | ------- | 32 | ------- | 6 | 40.64 | 38.10 | 13.38 | 6.09 | 5.00 |
| 87914-3201 | ------- | ------- | ------- | ------- | ------- | 32 | ------- | 4 | 40.64 | 38.10 | 13.21 | 8.13 | 2.79 |
| 87914-3202 | ------- | ------- | ------- | ------- | ------- | 32 | ------- | 5 | 40.64 | 38.10 | 13.21 | 8.13 | 2.79 |
| 87914-3203 | ------- | ------- | ------- | ------- | ------- | 32 | ------- | 6 | 40.64 | 38.10 | 13.21 | 8.13 | 2.79 |
| 87914-3207 | ------- | ------- | ------- | ------- | ------- | 32 | ------- | 6 | 40.64 | 38.10 | 13.21 | 8.13 | 2.79 (D22) |
| 87914-3204 | ------- | ------- | ------- | ------- | ------- | 32 | ------- | 4 | 40.64 | 38.10 | 11.11 | 6.10 | 2.72 |
| 87914-3205 | ------- | ------- | ------- | ------- | ------- | 32 | ------- | 5 | 40.64 | 38.10 | 11.11 | 6.10 | 2.72 |
| 87914-3206 | ------- | ------- | ------- | ------- | ------- | 32 | ------- | 6 | 40.64 | 38.10 | 11.11 | 6.10 | 2.72 |
| 87914-3208 | ------- | ------- | ------- | ------- | ------- | 32 | ------- | 6 | 40.64 | 38.10 | 11.11 | 6.10 | 2.72 (D22) |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 21 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-3411 | -------- | -------- | -------- | -------- | 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 | |
| 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 | |
| 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 | |
| 87914-3417 | -------- | -------- | -------- | -------- | 34 | -------- | 6 | 43.18 | 40.64 | 10.92 | 5.84 | 2.79 | D22 |
| 87914-3426 | -------- | -------- | -------- | -------- | 34 | -------- | 6 | 43.18 | 40.64 | 12.25 | 7.00 | 2.96 | |
| 87914-3427 | -------- | -------- | -------- | -------- | 34 | -------- | 6 | 43.18 | 40.64 | 12.25 | 7.00 | 2.96 | D22 |
| 87914-3436 | -------- | -------- | -------- | -------- | 34 | -------- | 6 | 43.18 | 40.64 | 13.38 | 6.09 | 5.00 | |
| 87914-3401 | -------- | -------- | -------- | -------- | 34 | -------- | 4 | 43.18 | 40.64 | 13.21 | 8.13 | 2.79 | |
| 87914-3402 | -------- | -------- | -------- | -------- | 34 | -------- | 5 | 43.18 | 40.64 | 13.21 | 8.13 | 2.79 | |
| 87914-3403 | -------- | -------- | -------- | -------- | 34 | -------- | 6 | 43.18 | 40.64 | 13.21 | 8.13 | 2.79 | |
| 87914-3404 | -------- | -------- | -------- | -------- | 34 | -------- | 4 | 43.18 | 40.64 | 11.11 | 6.10 | 2.72 | |
| 87914-3405 | -------- | -------- | -------- | -------- | 34 | -------- | 5 | 43.18 | 40.64 | 11.11 | 6.10 | 2.72 | |
| 87914-3406 | -------- | -------- | -------- | -------- | 34 | -------- | 6 | 43.18 | 40.64 | 11.11 | 6.10 | 2.72 | |
| 87914-3407 | -------- | -------- | -------- | -------- | 34 | -------- | 6 | 43.18 | 40.64 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 22 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-3611 | ------- | ------- | ------- | ------- | 36 | ------- | 1 | 45.72 | 43.18 | 10.92 | 5.84 | 2.79 | |
| 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 | |
| 87914-3613 | ------- | ------- | ------- | ------- | 36 | ------- | 3 | 45.72 | 43.18 | 10.92 | 5.84 | 2.79 | |
| 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 | |
| 87914-3615 | ------- | ------- | ------- | ------- | 36 | ------- | 5 | 45.72 | 43.18 | 10.92 | 5.84 | 2.79 | |
| 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 | |
| 87914-3617 | ------- | ------- | ------- | ------- | 36 | ------- | 6 | 45.72 | 43.18 | 10.92 | 5.84 | 2.79 | D22 |
| 87914-3626 | ------- | ------- | ------- | ------- | 36 | ------- | 6 | 45.72 | 43.18 | 12.25 | 7.00 | 2.96 | |
| 87914-3627 | ------- | ------- | ------- | ------- | 36 | ------- | 6 | 45.72 | 43.18 | 12.25 | 7.00 | 2.96 | D22 |
| 87914-3636 | ------- | ------- | ------- | ------- | 36 | ------- | 6 | 45.72 | 43.18 | 13.38 | 6.09 | 5.00 | |
| 87914-3601 | ------- | ------- | ------- | ------- | 36 | ------- | 4 | 45.72 | 43.18 | 13.21 | 8.13 | 2.79 | |
| 87914-3602 | ------- | ------- | ------- | ------- | 36 | ------- | 5 | 45.72 | 43.18 | 13.21 | 8.13 | 2.79 | |
| 87914-3603 | ------- | ------- | ------- | ------- | 36 | ------- | 6 | 45.72 | 43.18 | 13.21 | 8.13 | 2.79 | |
| 87914-3604 | ------- | ------- | ------- | ------- | 36 | ------- | 4 | 45.72 | 43.18 | 11.11 | 6.10 | 2.72 | |
| 87914-3605 | ------- | ------- | ------- | ------- | 36 | ------- | 5 | 45.72 | 43.18 | 11.11 | 6.10 | 2.72 | |
| 87914-3606 | ------- | ------- | ------- | ------- | 36 | ------- | 6 | 45.72 | 43.18 | 11.11 | 6.10 | 2.72 | |
| 87914-3607 | ------- | ------- | ------- | ------- | 36 | ------- | 6 | 45.72 | 43.18 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 23 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-3811 | -------- | -------- | -------- | -------- | 38 | -------- | 1 | 48.26 | 45.72 | 10.92 | 5.84 | 2.79 | |
| 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 | |
| 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 | |
| 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 | |
| 87914-3817 | -------- | -------- | -------- | -------- | 38 | -------- | 6 | 48.26 | 45.72 | 10.92 | 5.84 | 2.79 | D22 |
| 87914-3826 | -------- | -------- | -------- | -------- | 38 | -------- | 6 | 48.26 | 45.72 | 12.25 | 7.00 | 2.96 | |
| 87914-3827 | -------- | -------- | -------- | -------- | 38 | -------- | 6 | 48.26 | 45.72 | 12.25 | 7.00 | 2.96 | D22 |
| 87914-3836 | -------- | -------- | -------- | -------- | 38 | -------- | 6 | 48.26 | 45.72 | 13.38 | 6.09 | 5.00 | |
| 87914-3801 | -------- | -------- | -------- | -------- | 38 | -------- | 4 | 48.26 | 45.72 | 13.21 | 8.13 | 2.79 | |
| 87914-3802 | -------- | -------- | -------- | -------- | 38 | -------- | 5 | 48.26 | 45.72 | 13.21 | 8.13 | 2.79 | |
| 87914-3803 | -------- | -------- | -------- | -------- | 38 | -------- | 6 | 48.26 | 45.72 | 13.21 | 8.13 | 2.79 | |
| 87914-3804 | -------- | -------- | -------- | -------- | 38 | -------- | 4 | 48.26 | 45.72 | 11.11 | 6.10 | 2.72 | |
| 87914-3805 | -------- | -------- | -------- | -------- | 38 | -------- | 5 | 48.26 | 45.72 | 11.11 | 6.10 | 2.72 | |
| 87914-3806 | -------- | -------- | -------- | -------- | 38 | -------- | 6 | 48.26 | 45.72 | 11.11 | 6.10 | 2.72 | |
| 87914-3807 | -------- | -------- | -------- | -------- | 38 | -------- | 6 | 48.26 | 45.72 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 24 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-4011 | ------- | ------- | ------- | ------- | 40 | ------- | 1 | 50.80 | 48.26 | 10.92 | 5.84 | 2.79 | |
| 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 | |
| 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 | |
| 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 | |
| 87914-4017 | ------- | ------- | ------- | ------- | 40 | ------- | 6 | 50.80 | 48.26 | 10.92 | 5.84 | 2.79 | D22 |
| 87914-4026 | ------- | ------- | ------- | ------- | 40 | ------- | 6 | 50.80 | 48.26 | 12.25 | 7.00 | 2.96 | |
| 87914-4027 | ------- | ------- | ------- | ------- | 40 | ------- | 6 | 50.80 | 48.26 | 12.25 | 7.00 | 2.96 | D22 |
| 87914-4036 | ------- | ------- | ------- | ------- | 40 | ------- | 6 | 50.80 | 48.26 | 13.38 | 6.09 | 5.00 | |
| 87914-4001 | ------- | ------- | ------- | ------- | 40 | ------- | 4 | 50.80 | 48.26 | 13.21 | 8.13 | 2.79 | |
| 87914-4002 | ------- | ------- | ------- | ------- | 40 | ------- | 5 | 50.80 | 48.26 | 13.21 | 8.13 | 2.79 | |
| 87914-4003 | ------- | ------- | ------- | ------- | 40 | ------- | 6 | 50.80 | 48.26 | 13.21 | 8.13 | 2.79 | |
| 87914-4004 | ------- | ------- | ------- | ------- | 40 | ------- | 4 | 50.80 | 48.26 | 11.11 | 6.10 | 2.72 | |
| 87914-4005 | ------- | ------- | ------- | ------- | 40 | ------- | 5 | 50.80 | 48.26 | 11.11 | 6.10 | 2.72 | |
| 87914-4006 | ------- | ------- | ------- | ------- | 40 | ------- | 6 | 50.80 | 48.26 | 11.11 | 6.10 | 2.72 | |
| 87914-4007 | ------- | ------- | ------- | ------- | 40 | ------- | 6 | 50.80 | 48.26 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 25 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-4211 | ------- | ------- | ------- | ------- | 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 | |
| 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 | |
| 87914-4217 | ------- | ------- | ------- | ------- | 42 | ------- | 6 | 53.34 | 50.80 | 10.92 | 5.84 | 2.79 | D22 |
| 87914-4226 | ------- | ------- | ------- | ------- | 42 | ------- | 6 | 53.34 | 50.80 | 12.25 | 7.00 | 2.96 | |
| 87914-4227 | ------- | ------- | ------- | ------- | 42 | ------- | 6 | 53.34 | 50.80 | 12.25 | 7.00 | 2.96 | D22 |
| 87914-4201 | ------- | ------- | ------- | ------- | 42 | ------- | 4 | 53.34 | 50.80 | 13.21 | 8.13 | 2.79 | |
| 87914-4202 | ------- | ------- | ------- | ------- | 42 | ------- | 5 | 53.34 | 50.80 | 13.21 | 8.13 | 2.79 | |
| 87914-4203 | ------- | ------- | ------- | ------- | 42 | ------- | 6 | 53.34 | 50.80 | 13.21 | 8.13 | 2.79 | |
| 87914-4204 | ------- | ------- | ------- | ------- | 42 | ------- | 4 | 53.34 | 50.80 | 11.11 | 6.10 | 2.72 | |
| 87914-4205 | ------- | ------- | ------- | ------- | 42 | ------- | 5 | 53.34 | 50.80 | 11.11 | 6.10 | 2.72 | |
| 87914-4206 | ------- | ------- | ------- | ------- | 42 | ------- | 6 | 53.34 | 50.80 | 11.11 | 6.10 | 2.72 | |
| 87914-4207 | ------- | ------- | ------- | ------- | 42 | ------- | 6 | 53.34 | 50.80 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 26 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-4417 | -------- | -------- | -------- | -------- | 44 | -------- | 6 | 55.88 | 53.34 | 10.92 | 5.84 | 2.79 | D22 |
| 87914-4426 | -------- | -------- | -------- | -------- | 44 | -------- | 6 | 55.88 | 53.34 | 12.25 | 7.00 | 2.96 | |
| 87914-4427 | -------- | -------- | -------- | -------- | 44 | -------- | 6 | 55.88 | 53.34 | 12.25 | 7.00 | 2.96 | D22 |
| 87914-4401 | -------- | -------- | -------- | -------- | 44 | -------- | 4 | 55.88 | 53.34 | 13.21 | 8.13 | 2.79 | |
| 87914-4402 | -------- | -------- | -------- | -------- | 44 | -------- | 5 | 55.88 | 53.34 | 13.21 | 8.13 | 2.79 | |
| 87914-4403 | -------- | -------- | -------- | -------- | 44 | -------- | 6 | 55.88 | 53.34 | 13.21 | 8.13 | 2.79 | |
| 87914-4404 | -------- | -------- | -------- | -------- | 44 | -------- | 4 | 55.88 | 53.34 | 11.11 | 6.10 | 2.72 | |
| 87914-4405 | -------- | -------- | -------- | -------- | 44 | -------- | 5 | 55.88 | 53.34 | 11.11 | 6.10 | 2.72 | |
| 87914-4406 | -------- | -------- | -------- | -------- | 44 | -------- | 6 | 55.88 | 53.34 | 11.11 | 6.10 | 2.72 | |
| 87914-4407 | -------- | -------- | -------- | -------- | 44 | -------- | 6 | 55.88 | 53.34 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 27 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-4611 | -------- | -------- | -------- | -------- | 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 | |
| 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 | |
| 87914-4617 | -------- | -------- | -------- | -------- | 46 | -------- | 6 | 58.42 | 55.88 | 10.92 | 5.84 | 2.79 | D22 |
| 87914-4626 | -------- | -------- | -------- | -------- | 46 | -------- | 6 | 58.42 | 55.88 | 12.25 | 7.00 | 2.96 | |
| 87914-4627 | -------- | -------- | -------- | -------- | 46 | -------- | 6 | 58.42 | 55.88 | 12.25 | 7.00 | 2.96 | D22 |
| 87914-4601 | -------- | -------- | -------- | -------- | 46 | -------- | 4 | 58.42 | 55.88 | 13.21 | 8.13 | 2.79 | |
| 87914-4602 | -------- | -------- | -------- | -------- | 46 | -------- | 5 | 58.42 | 55.88 | 13.21 | 8.13 | 2.79 | |
| 87914-4603 | -------- | -------- | -------- | -------- | 46 | -------- | 6 | 58.42 | 55.88 | 13.21 | 8.13 | 2.79 | |
| 87914-4604 | -------- | -------- | -------- | -------- | 46 | -------- | 4 | 58.42 | 55.88 | 11.11 | 6.10 | 2.72 | |
| 87914-4605 | -------- | -------- | -------- | -------- | 46 | -------- | 5 | 58.42 | 55.88 | 11.11 | 6.10 | 2.72 | |
| 87914-4606 | -------- | -------- | -------- | -------- | 46 | -------- | 6 | 58.42 | 55.88 | 11.11 | 6.10 | 2.72 | |
| 87914-4607 | -------- | -------- | -------- | -------- | 46 | -------- | 6 | 58.42 | 55.88 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 28 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-4811 | -------- | -------- | -------- | -------- | 48 | -------- | 1 | 60.96 | 58.42 | 10.92 | 5.84 | 2.79 | |
| 87914-4821 | -------- | -------- | -------- | -------- | 48 | -------- | 1 | 60.96 | 58.42 | 12.25 | 7.00 | 2.96 | |
| 87914-4812 | -------- | -------- | -------- | -------- | 48 | -------- | 2 | 60.96 | 58.42 | 10.92 | 5.84 | 2.79 | |
| 87914-4822 | -------- | -------- | -------- | -------- | 48 | -------- | 2 | 60.96 | 58.42 | 12.25 | 7.00 | 2.96 | |
| 87914-4813 | -------- | -------- | -------- | -------- | 48 | -------- | 3 | 60.96 | 58.42 | 10.92 | 5.84 | 2.79 | |
| 87914-4823 | -------- | -------- | -------- | -------- | 48 | -------- | 3 | 60.96 | 58.42 | 12.25 | 7.00 | 2.96 | |
| 87914-4814 | -------- | -------- | -------- | -------- | 48 | -------- | 4 | 60.96 | 58.42 | 10.92 | 5.84 | 2.79 | |
| 87914-4824 | -------- | -------- | -------- | -------- | 48 | -------- | 4 | 60.96 | 58.42 | 12.25 | 7.00 | 2.96 | |
| 87914-4815 | -------- | -------- | -------- | -------- | 48 | -------- | 5 | 60.96 | 58.42 | 10.92 | 5.84 | 2.79 | |
| 87914-4825 | -------- | -------- | -------- | -------- | 48 | -------- | 5 | 60.96 | 58.42 | 12.25 | 7.00 | 2.96 | |
| 87914-4816 | -------- | -------- | -------- | -------- | 48 | -------- | 6 | 60.96 | 58.42 | 10.92 | 5.84 | 2.79 | |
| 87914-4817 | -------- | -------- | -------- | -------- | 48 | -------- | 6 | 60.96 | 58.42 | 10.92 | 5.84 | 2.79 | D22 |
| 87914-4826 | -------- | -------- | -------- | -------- | 48 | -------- | 6 | 60.96 | 58.42 | 12.25 | 7.00 | 2.96 | |
| 87914-4827 | -------- | -------- | -------- | -------- | 48 | -------- | 6 | 60.96 | 58.42 | 12.25 | 7.00 | 2.96 | D22 |
| 87914-4801 | -------- | -------- | -------- | -------- | 48 | -------- | 4 | 60.96 | 58.42 | 13.21 | 8.13 | 2.79 | |
| 87914-4802 | -------- | -------- | -------- | -------- | 48 | -------- | 5 | 60.96 | 58.42 | 13.21 | 8.13 | 2.79 | |
| 87914-4803 | -------- | -------- | -------- | -------- | 48 | -------- | 6 | 60.96 | 58.42 | 13.21 | 8.13 | 2.79 | |
| 87914-4804 | -------- | -------- | -------- | -------- | 48 | -------- | 4 | 60.96 | 58.42 | 11.11 | 6.10 | 2.72 | |
| 87914-4805 | -------- | -------- | -------- | -------- | 48 | -------- | 5 | 60.96 | 58.42 | 11.11 | 6.10 | 2.72 | |
| 87914-4806 | -------- | -------- | -------- | -------- | 48 | -------- | 6 | 60.96 | 58.42 | 11.11 | 6.10 | 2.72 | |
| 87914-4807 | -------- | -------- | -------- | -------- | 48 | -------- | 6 | 60.96 | 58.42 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 29 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| 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 | |
| 87914-0002 | -------- | -------- | -------- | -------- | 50 | -------- | 8 | 63.50 | 60.96 | 18.54 | 11.58 | 4.47 | |
| 87914-5011 | -------- | -------- | -------- | -------- | 50 | -------- | 1 | 63.50 | 60.96 | 10.92 | 5.84 | 2.79 | |
| 87914-5021 | -------- | -------- | -------- | -------- | 50 | -------- | 1 | 63.50 | 60.96 | 12.25 | 7.00 | 2.96 | |
| 87914-5012 | -------- | -------- | -------- | -------- | 50 | -------- | 2 | 63.50 | 60.96 | 10.92 | 5.84 | 2.79 | |
| 87914-5022 | -------- | -------- | -------- | -------- | 50 | -------- | 2 | 63.50 | 60.96 | 12.25 | 7.00 | 2.96 | |
| 87914-5013 | -------- | -------- | -------- | -------- | 50 | -------- | 3 | 63.50 | 60.96 | 10.92 | 5.84 | 2.79 | |
| 87914-5023 | -------- | -------- | -------- | -------- | 50 | -------- | 3 | 63.50 | 60.96 | 12.25 | 7.00 | 2.96 | |
| 87914-5014 | -------- | -------- | -------- | -------- | 50 | -------- | 4 | 63.50 | 60.96 | 10.92 | 5.84 | 2.79 | |
| 87914-5024 | -------- | -------- | -------- | -------- | 50 | -------- | 4 | 63.50 | 60.96 | 12.25 | 7.00 | 2.96 | |
| 87914-5015 | -------- | -------- | -------- | -------- | 50 | -------- | 5 | 63.50 | 60.96 | 10.92 | 5.84 | 2.79 | |
| 87914-5025 | -------- | -------- | -------- | -------- | 50 | -------- | 5 | 63.50 | 60.96 | 12.25 | 7.00 | 2.96 | |
| 87914-5016 | -------- | -------- | -------- | -------- | 50 | -------- | 6 | 63.50 | 60.96 | 10.92 | 5.84 | 2.79 | |
| 87914-5017 | -------- | -------- | -------- | -------- | 50 | -------- | 6 | 63.50 | 60.96 | 10.92 | 5.84 | 2.79 | D22 |
| 87914-5026 | -------- | -------- | -------- | -------- | 50 | -------- | 6 | 63.50 | 60.96 | 12.25 | 7.00 | 2.96 | |
| 87914-5027 | -------- | -------- | -------- | -------- | 50 | -------- | 6 | 63.50 | 60.96 | 12.25 | 7.00 | 2.96 | D22 |
| 87914-5001 | -------- | -------- | -------- | -------- | 50 | -------- | 4 | 63.50 | 60.96 | 13.21 | 8.13 | 2.79 | |
| 87914-5002 | -------- | -------- | -------- | -------- | 50 | -------- | 5 | 63.50 | 60.96 | 13.21 | 8.13 | 2.79 | |
| 87914-5003 | -------- | -------- | -------- | -------- | 50 | -------- | 6 | 63.50 | 60.96 | 13.21 | 8.13 | 2.79 | |
| 87914-5004 | -------- | -------- | -------- | -------- | 50 | -------- | 4 | 63.50 | 60.96 | 11.11 | 6.10 | 2.72 | |
| 87914-5005 | -------- | -------- | -------- | -------- | 50 | -------- | 5 | 63.50 | 60.96 | 11.11 | 6.10 | 2.72 | |
| 87914-5006 | -------- | -------- | -------- | -------- | 50 | -------- | 6 | 63.50 | 60.96 | 11.11 | 6.10 | 2.72 | |
| 87914-5007 | -------- | -------- | -------- | -------- | 50 | -------- | 6 | 63.50 | 60.96 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 30 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| PART NO FOR BULK PACKAGING | 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 | |
| 87914-5211 | ------- | ------- | ------- | ------- | ------- | 52 | ------- | 1 | 66.04 | 63.50 | 10.92 | 5.84 | 2.79 | |
| 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 | |
| 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 | |
| 87914-5227 | ------- | ------- | ------- | ------- | ------- | 52 | ------- | 6 | 66.04 | 63.50 | 12.25 | 7.00 | 2.96 | D22 |
| ------- | 87914-5201 | ------- | ------- | ------- | ------- | 52 | ------- | 4 | 66.04 | 63.50 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-5202 | ------- | ------- | ------- | ------- | 52 | ------- | 5 | 66.04 | 63.50 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-5203 | ------- | ------- | ------- | ------- | 52 | ------- | 6 | 66.04 | 63.50 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-5204 | ------- | ------- | ------- | ------- | 52 | ------- | 4 | 66.04 | 63.50 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-5205 | ------- | ------- | ------- | ------- | 52 | ------- | 5 | 66.04 | 63.50 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-5206 | ------- | ------- | ------- | ------- | 52 | ------- | 6 | 66.04 | 63.50 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-5207 | ------- | ------- | ------- | ------- | 52 | ------- | 6 | 66.04 | 63.50 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 31 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| PART NO FOR BULK PACKAGING | 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 | |
| 87914-5411 | ------- | ------- | ------- | ------- | ------- | 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 | |
| 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 | |
| 87914-5427 | ------- | ------- | ------- | ------- | ------- | 54 | ------- | 6 | 68.58 | 66.04 | 12.25 | 7.00 | 2.96 | D22 |
| ------- | 87914-5401 | ------- | ------- | ------- | ------- | 54 | ------- | 4 | 68.58 | 66.04 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-5402 | ------- | ------- | ------- | ------- | 54 | ------- | 5 | 68.58 | 66.04 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-5403 | ------- | ------- | ------- | ------- | 54 | ------- | 6 | 68.58 | 66.04 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-5404 | ------- | ------- | ------- | ------- | 54 | ------- | 4 | 68.58 | 66.04 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-5405 | ------- | ------- | ------- | ------- | 54 | ------- | 5 | 68.58 | 66.04 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-5406 | ------- | ------- | ------- | ------- | 54 | ------- | 6 | 68.58 | 66.04 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-5407 | ------- | ------- | ------- | ------- | 54 | ------- | 6 | 68.58 | 66.04 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 32 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| PART NO FOR BULK PACKAGING | 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 | |
| 87914-5627 | ------- | ------- | ------- | ------- | ------- | 56 | ------- | 6 | 71.12 | 68.58 | 12.25 | 7.00 | 2.96 | D22 |
| ------- | 87914-5601 | ------- | ------- | ------- | ------- | 56 | ------- | 4 | 71.12 | 68.58 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-5602 | ------- | ------- | ------- | ------- | 56 | ------- | 5 | 71.12 | 68.58 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-5603 | ------- | ------- | ------- | ------- | 56 | ------- | 6 | 71.12 | 68.58 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-5604 | ------- | ------- | ------- | ------- | 56 | ------- | 4 | 71.12 | 68.58 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-5605 | ------- | ------- | ------- | ------- | 56 | ------- | 5 | 71.12 | 68.58 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-5606 | ------- | ------- | ------- | ------- | 56 | ------- | 6 | 71.12 | 68.58 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-5607 | ------- | ------- | ------- | ------- | 56 | ------- | 6 | 71.12 | 68.58 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 33 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| PART NO FOR BULK PACKAGING | 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 | |
| 87914-5827 | ------- | ------- | ------- | ------- | ------- | 58 | ------- | 6 | 73.66 | 71.12 | 12.25 | 7.00 | 2.96 | D22 |
| ------- | 87914-5801 | ------- | ------- | ------- | ------- | 58 | ------- | 4 | 73.66 | 71.12 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-5802 | ------- | ------- | ------- | ------- | 58 | ------- | 5 | 73.66 | 71.12 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-5803 | ------- | ------- | ------- | ------- | 58 | ------- | 6 | 73.66 | 71.12 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-5804 | ------- | ------- | ------- | ------- | 58 | ------- | 4 | 73.66 | 71.12 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-5805 | ------- | ------- | ------- | ------- | 58 | ------- | 5 | 73.66 | 71.12 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-5806 | ------- | ------- | ------- | ------- | 58 | ------- | 6 | 73.66 | 71.12 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-5807 | ------- | ------- | ------- | ------- | 58 | ------- | 6 | 73.66 | 71.12 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 34 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| PART NO FOR BULK PACKAGING | 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 | |
| 87914-6011 | ------- | ------- | ------- | ------- | ------- | 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 | |
| 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 | |
| 87914-6027 | ------- | ------- | ------- | ------- | ------- | 60 | ------- | 6 | 76.20 | 73.66 | 12.25 | 7.00 | 2.96 | D22 |
| ------- | 87914-6001 | ------- | ------- | ------- | ------- | 60 | ------- | 4 | 76.20 | 73.66 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-6002 | ------- | ------- | ------- | ------- | 60 | ------- | 5 | 76.20 | 73.66 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-6003 | ------- | ------- | ------- | ------- | 60 | ------- | 6 | 76.20 | 73.66 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-6004 | ------- | ------- | ------- | ------- | 60 | ------- | 4 | 76.20 | 73.66 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-6005 | ------- | ------- | ------- | ------- | 60 | ------- | 5 | 76.20 | 73.66 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-6006 | ------- | ------- | ------- | ------- | 60 | ------- | 6 | 76.20 | 73.66 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-6007 | ------- | ------- | ------- | ------- | 60 | ------- | 6 | 76.20 | 73.66 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 35 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| PART NO FOR BULK PACKAGING | 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 | |
| 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 | |
| 87914-6227 | ------- | ------- | ------- | ------- | ------- | 62 | ------- | 6 | 78.74 | 76.20 | 12.25 | 7.00 | 2.96 | D22 |
| ------- | 87914-6201 | ------- | ------- | ------- | ------- | 62 | ------- | 4 | 78.74 | 76.20 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-6202 | ------- | ------- | ------- | ------- | 62 | ------- | 5 | 78.74 | 76.20 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-6203 | ------- | ------- | ------- | ------- | 62 | ------- | 6 | 78.74 | 76.20 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-6204 | ------- | ------- | ------- | ------- | 62 | ------- | 4 | 78.74 | 76.20 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-6205 | ------- | ------- | ------- | ------- | 62 | ------- | 5 | 78.74 | 76.20 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-6206 | ------- | ------- | ------- | ------- | 62 | ------- | 6 | 78.74 | 76.20 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-6207 | ------- | ------- | ------- | ------- | 62 | ------- | 6 | 78.74 | 76.20 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 36 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| PART NO FOR BULK PACKAGING | 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 |
| 87914-6411 | ------- | ------- | ------- | ------- | ------- | 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 |
| 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 |
| 87914-6427 | ------- | ------- | ------- | ------- | ------- | 64 | ------- | 6 | 81.28 | 78.74 | 12.25 | 7.00 | 2.96 |
| ------- | 87914-6401 | ------- | ------- | ------- | ------- | 64 | ------- | 4 | 81.28 | 78.74 | 13.21 | 8.13 | 2.79 |
| ------- | 87914-6402 | ------- | ------- | ------- | ------- | 64 | ------- | 5 | 81.28 | 78.74 | 13.21 | 8.13 | 2.79 |
| ------- | 87914-6403 | ------- | ------- | ------- | ------- | 64 | ------- | 6 | 81.28 | 78.74 | 13.21 | 8.13 | 2.79 |
| ------- | 87914-6404 | ------- | ------- | ------- | ------- | 64 | ------- | 4 | 81.28 | 78.74 | 11.11 | 6.10 | 2.72 |
| ------- | 87914-6405 | ------- | ------- | ------- | ------- | 64 | ------- | 5 | 81.28 | 78.74 | 11.11 | 6.10 | 2.72 |
| ------- | 87914-6406 | ------- | ------- | ------- | ------- | 64 | ------- | 6 | 81.28 | 78.74 | 11.11 | 6.10 | 2.72 |
| ------- | 87914-6407 | ------- | ------- | ------- | ------- | 64 | ------- | 6 | 81.28 | 78.74 | 11.11 | 6.10 | 2.72 |

D22

D22

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 37 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| PART NO FOR BULK PACKAGING | 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 | |
| 87914-6611 | ------- | ------- | ------- | ------- | ------- | 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 | |
| 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 | |
| 87914-6627 | ------- | ------- | ------- | ------- | ------- | 66 | ------- | 6 | 83.82 | 81.28 | 12.25 | 7.00 | 2.96 | D22 |
| ------- | 87914-6601 | ------- | ------- | ------- | ------- | 66 | ------- | 4 | 83.82 | 81.28 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-6602 | ------- | ------- | ------- | ------- | 66 | ------- | 5 | 83.82 | 81.28 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-6603 | ------- | ------- | ------- | ------- | 66 | ------- | 6 | 83.82 | 81.28 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-6604 | ------- | ------- | ------- | ------- | 66 | ------- | 4 | 83.82 | 81.28 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-6605 | ------- | ------- | ------- | ------- | 66 | ------- | 5 | 83.82 | 81.28 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-6606 | ------- | ------- | ------- | ------- | 66 | ------- | 6 | 83.82 | 81.28 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-6607 | ------- | ------- | ------- | ------- | 66 | ------- | 6 | 83.82 | 81.28 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 38 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| PART NO FOR BULK PACKAGING | 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 | |
| 87914-6811 | ------- | ------- | ------- | ------- | ------- | 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 | |
| 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 | |
| 87914-6827 | ------- | ------- | ------- | ------- | ------- | 68 | ------- | 6 | 86.36 | 83.82 | 12.25 | 7.00 | 2.96 | D22 |
| ------- | 87914-6801 | ------- | ------- | ------- | ------- | 68 | ------- | 4 | 86.36 | 83.82 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-6802 | ------- | ------- | ------- | ------- | 68 | ------- | 5 | 86.36 | 83.82 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-6803 | ------- | ------- | ------- | ------- | 68 | ------- | 6 | 86.36 | 83.82 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-6804 | ------- | ------- | ------- | ------- | 68 | ------- | 4 | 86.36 | 83.82 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-6805 | ------- | ------- | ------- | ------- | 68 | ------- | 5 | 86.36 | 83.82 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-6806 | ------- | ------- | ------- | ------- | 68 | ------- | 6 | 86.36 | 83.82 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-6807 | ------- | ------- | ------- | ------- | 68 | ------- | 6 | 86.36 | 83.82 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 39 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| PART NO FOR BULK PACKAGING | 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 | |
| 87914-7011 | -------- | -------- | -------- | -------- | -------- | 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 | |
| 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 | |
| 87914-7027 | -------- | -------- | -------- | -------- | -------- | 70 | -------- | 6 | 88.90 | 86.36 | 12.25 | 7.00 | 2.96 | D22 |
| -------- | 87914-7001 | -------- | -------- | -------- | -------- | 70 | -------- | 4 | 88.90 | 86.36 | 13.21 | 8.13 | 2.79 | |
| -------- | 87914-7002 | -------- | -------- | -------- | -------- | 70 | -------- | 5 | 88.90 | 86.36 | 13.21 | 8.13 | 2.79 | |
| -------- | 87914-7003 | -------- | -------- | -------- | -------- | 70 | -------- | 6 | 88.90 | 86.36 | 13.21 | 8.13 | 2.79 | |
| -------- | 87914-7004 | -------- | -------- | -------- | -------- | 70 | -------- | 4 | 88.90 | 86.36 | 11.11 | 6.10 | 2.72 | |
| -------- | 87914-7005 | -------- | -------- | -------- | -------- | 70 | -------- | 5 | 88.90 | 86.36 | 11.11 | 6.10 | 2.72 | |
| -------- | 87914-7006 | -------- | -------- | -------- | -------- | 70 | -------- | 6 | 88.90 | 86.36 | 11.11 | 6.10 | 2.72 | |
| -------- | 87914-7007 | -------- | -------- | -------- | -------- | 70 | -------- | 6 | 88.90 | 86.36 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 40 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| PART NO FOR BULK PACKAGING | 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 |
| 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 |
| 87914-7227 | ------- | ------- | ------- | ------- | ------- | 72 | ------- | 6 | 91.44 | 88.90 | 12.25 | 7.00 | 2.96 |
| ------- | 87914-7201 | ------- | ------- | ------- | ------- | 72 | ------- | 4 | 91.44 | 88.90 | 13.21 | 8.13 | 2.79 |
| ------- | 87914-7202 | ------- | ------- | ------- | ------- | 72 | ------- | 5 | 91.44 | 88.90 | 13.21 | 8.13 | 2.79 |
| ------- | 87914-7203 | ------- | ------- | ------- | ------- | 72 | ------- | 6 | 91.44 | 88.90 | 13.21 | 8.13 | 2.79 |
| ------- | 87914-7204 | ------- | ------- | ------- | ------- | 72 | ------- | 4 | 91.44 | 88.90 | 11.11 | 6.10 | 2.72 |
| ------- | 87914-7205 | ------- | ------- | ------- | ------- | 72 | ------- | 5 | 91.44 | 88.90 | 11.11 | 6.10 | 2.72 |
| ------- | 87914-7206 | ------- | ------- | ------- | ------- | 72 | ------- | 6 | 91.44 | 88.90 | 11.11 | 6.10 | 2.72 |
| ------- | 87914-7207 | ------- | ------- | ------- | ------- | 72 | ------- | 6 | 91.44 | 88.90 | 11.11 | 6.10 | 2.72 |

D22

D22

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 41 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| PART NO FOR BULK PACKAGING | 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 | |
| 87914-7427 | ------- | ------- | ------- | ------- | ------- | 74 | ------- | 6 | 93.98 | 91.44 | 12.25 | 7.00 | 2.96 | D22 |
| ------- | 87914-7401 | ------- | ------- | ------- | ------- | 74 | ------- | 4 | 93.98 | 91.44 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-7402 | ------- | ------- | ------- | ------- | 74 | ------- | 5 | 93.98 | 91.44 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-7403 | ------- | ------- | ------- | ------- | 74 | ------- | 6 | 93.98 | 91.44 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-7404 | ------- | ------- | ------- | ------- | 74 | ------- | 4 | 93.98 | 91.44 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-7405 | ------- | ------- | ------- | ------- | 74 | ------- | 5 | 93.98 | 91.44 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-7406 | ------- | ------- | ------- | ------- | 74 | ------- | 6 | 93.98 | 91.44 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-7407 | ------- | ------- | ------- | ------- | 74 | ------- | 6 | 93.98 | 91.44 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 42 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| PART NO FOR BULK PACKAGING | 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 | |
| 87914-7611 | ------- | ------- | ------- | ------- | ------- | 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 | |
| 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 | |
| 87914-7627 | ------- | ------- | ------- | ------- | ------- | 76 | ------- | 6 | 96.52 | 93.98 | 12.25 | 7.00 | 2.96 | D22 |
| ------- | 87914-7601 | ------- | ------- | ------- | ------- | 76 | ------- | 4 | 96.52 | 93.98 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-7602 | ------- | ------- | ------- | ------- | 76 | ------- | 5 | 96.52 | 93.98 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-7603 | ------- | ------- | ------- | ------- | 76 | ------- | 6 | 96.52 | 93.98 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-7604 | ------- | ------- | ------- | ------- | 76 | ------- | 4 | 96.52 | 93.98 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-7605 | ------- | ------- | ------- | ------- | 76 | ------- | 5 | 96.52 | 93.98 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-7606 | ------- | ------- | ------- | ------- | 76 | ------- | 6 | 96.52 | 93.98 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-7607 | ------- | ------- | ------- | ------- | 76 | ------- | 6 | 96.52 | 93.98 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 43 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| PART NO FOR BULK PACKAGING | 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 | |
| 87914-7827 | -------- | -------- | -------- | -------- | -------- | 78 | -------- | 6 | 99.06 | 96.52 | 12.25 | 7.00 | 2.96 | D22 |
| -------- | 87914-7801 | -------- | -------- | -------- | -------- | 78 | -------- | 4 | 99.06 | 96.52 | 13.21 | 8.13 | 2.79 | |
| -------- | 87914-7802 | -------- | -------- | -------- | -------- | 78 | -------- | 5 | 99.06 | 96.52 | 13.21 | 8.13 | 2.79 | |
| -------- | 87914-7803 | -------- | -------- | -------- | -------- | 78 | -------- | 6 | 99.06 | 96.52 | 13.21 | 8.13 | 2.79 | |
| -------- | 87914-7804 | -------- | -------- | -------- | -------- | 78 | -------- | 4 | 99.06 | 96.52 | 11.11 | 6.10 | 2.72 | |
| -------- | 87914-7805 | -------- | -------- | -------- | -------- | 78 | -------- | 5 | 99.06 | 96.52 | 11.11 | 6.10 | 2.72 | |
| -------- | 87914-7806 | -------- | -------- | -------- | -------- | 78 | -------- | 6 | 99.06 | 96.52 | 11.11 | 6.10 | 2.72 | |
| -------- | 87914-7807 | -------- | -------- | -------- | -------- | 78 | -------- | 6 | 99.06 | 96.52 | 11.11 | 6.10 | 2.72 | D22 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87914

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 44 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

| PART NO FOR BULK PACKAGING | 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 | |
| 87914-8011 | ------- | ------- | ------- | ------- | ------- | 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 | |
| 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 | |
| 87914-8017 | ------- | ------- | ------- | ------- | ------- | 80 | ------- | 6 | 101.60 | 99.06 | 10.92 | 5.84 | 2.79 | D22 |
| 87914-8026 | ------- | ------- | ------- | ------- | ------- | 80 | ------- | 6 | 101.60 | 99.06 | 12.25 | 7.00 | 2.96 | |
| 87914-8027 | ------- | ------- | ------- | ------- | ------- | 80 | ------- | 6 | 101.60 | 99.06 | 12.25 | 7.00 | 2.96 | D22 |
| ------- | 87914-8001 | ------- | ------- | ------- | ------- | 80 | ------- | 4 | 101.60 | 99.06 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-8002 | ------- | ------- | ------- | ------- | 80 | ------- | 5 | 101.60 | 99.06 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-8003 | ------- | ------- | ------- | ------- | 80 | ------- | 6 | 101.60 | 99.06 | 13.21 | 8.13 | 2.79 | |
| ------- | 87914-8004 | ------- | ------- | ------- | ------- | 80 | ------- | 4 | 101.60 | 99.06 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-8005 | ------- | ------- | ------- | ------- | 80 | ------- | 5 | 101.60 | 99.06 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-8006 | ------- | ------- | ------- | ------- | 80 | ------- | 6 | 101.60 | 99.06 | 11.11 | 6.10 | 2.72 | |
| ------- | 87914-8007 | ------- | ------- | ------- | ------- | 80 | ------- | 6 | 101.60 | 99.06 | 11.11 | 6.10 | 2.72 | D22 |

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| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.2 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19 2021/06/29
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: YLQIAO 2005/01/17
APPR: SCLOW 2005/01/25

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-87914-013 | PSD | 000 | D22 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 45 OF 45 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 11:53:31 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14