

- NOTES:**
- MATERIAL:**
HSG: LCP, GLASS-FILLED, UL94V-0,
COLOR: BLACK
PIN: 0.64MM SQ PIN, COPPER ALLOY
 - PLATING TYPE:**
 - 0.0254 μm GOLD FLASH OVER
1.25 μm MIN. NICKEL OVERALL.
 - 0.025 μm MIN. GOLD PLATE ON CONTACT AND
1.88 μm MIN. TIN ON SOLDERTAIL OVER
1.25 μm MIN. NICKEL OVERALL.
 - 0.25 μm MIN. GOLD PLATE ON CONTACT AND
1.88 μm MIN. TIN ON SOLDERTAIL OVER
1.25 μm MIN. NICKEL OVERALL.
 - 0.38 μm MIN. GOLD PLATE ON CONTACT AND
1.88 μm MIN. TIN ON SOLDERTAIL OVER
1.25 μm MIN. NICKEL OVERALL.
 - 0.75 μm MIN. GOLD PLATE ON CONTACT AND
1.88 μm MIN. TIN ON SOLDERTAIL OVER
1.25 μm MIN. NICKEL OVERALL
 - 2.50 μm MIN. TIN IN SELECTED AREA OVER
1.25 μm MIN. NICKEL OVERALL.
 - 0.38 μm MIN. GOLD PLATE ON CONTACT AND
2.50 μm MIN. TIN ON SOLDERTAIL OVER
1.25 μm MIN. NICKEL OVERALL.
 - 0.38 μm MIN. GOLD PLATE ON CONTACT AND
0.05 μm MIN. GOLD FLASH ON SOLDERTAIL OVER
1.25 μm MIN. NICKEL OVERALL.
 - 0.05 - 0.25 μm MIN. GOLD FLASH OVER
1.25 μm MIN. NICKEL OVERALL.
 - PIN PUSHOUT FORCE: 1KG MIN IN EITHER DIRECTION
 - THE ABOVE 14 CKT IS FOR ILLUSTRATION PURPOSE ONLY.
 - FOR PACKAGING OPTION PLEASE REFER TO THE TABLE.
 - RECOMMENDED PCB THICKNESS 1.60MM.
 - PRODUCT SPECIFICATION: PS-87920-019
 - WAFER TO BE FLAT WITHIN 0.003mm/mm
 - IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION $\triangle 9$ IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE.
 - PARTS ARE NOT STACKABLE ON 2.54 CENTER
 - CAP TO BE PLACED AS CENTRAL OF PART AS POSSIBLE WITH THE TOP SURFACE FLAT FOR PICK AND PLACE.
 - PACKAGING SPECIFICATION:**
TRAY: PK-89990-489
BULK: PK-89990-491
TUBE: PK-87914-300
T&R: PK-87898-400 & 879146259-RPK

PRE-RELEASE
REFERENCE
USE ONLY

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

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| | | | | | | | |
|---|--|------------------------|--|---------------------------------------|--|---|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | SCALE | | CURRENT REV DESC: | | molex | |
| DIMENSION UNITS | | mm NTS | | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | |
| 4 PLACES ± | | MM INCH | | EC NO: | | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | |
| 3 PLACES ± | | | | DRWN: MEGHRB | | | |
| 2 PLACES ± 0.2 | | | | CHK'D: | | PRODUCT CUSTOMER DRAWING | |
| 1 PLACE ± | | | | APPR: | | | |
| 0 PLACES ± | | | | INITIAL REVISION: | | DOCUMENT NUMBER | |
| ANGULAR TOL ± 3.0° | | | | DRWN: YLQIAO | | SD-87914-013 | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | APPR: SLOW | | DOC TYPE DOC PART REVISION | |
| | | | | SERIES | | PSD 000 D31 | |
| | | | | MATERIAL NUMBER | | SHEET NUMBER | |
| | | | | DRAWING | | GENERAL MARKET | |
| | | | | A3-SIZE | | 1 OF 46 | |
| | | | | 87914 | | | |

| 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 |
| 87914-0226 | ----- | ----- | ----- | ----- | 2 | ----- | 6 | 2.54 | ---- | 12.25 | 7.00 | 2.96 |
| 87914-0227 | ----- | ----- | ----- | ----- | 2 | ----- | 6 | 2.54 | ---- | 12.25 | 7.00 | 2.96 |
| 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 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | | | | |
|---|--|-------|--|--|--|---------|--|---------|--|--------------------------|--|----------------|--|----------|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | | | | | | |
| mm | | NTS | | EC NO: DRWN: MEGHRB 2025/08/26 CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25 | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | |
| | | MM | | | | | | | | SD-87914-013 | | PSD | | 000 | | D31 | |
| 4 PLACES ± | | | | | | | | | | PRODUCT CUSTOMER DRAWING | | | | | | | |
| 3 PLACES ± | | | | | | | | | | MATERIAL NUMBER | | CUSTOMER | | | | | |
| 2 PLACES ± 0.2 | | | | | | | | | | SEE TABLE | | GENERAL MARKET | | | | | |
| 1 PLACE ± | | | | SERIES | | 87914 | | | | | | | | | | | |
| 0 PLACES ± | | | | SHEET NUMBER | | 2 OF 46 | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | THIRD ANGLE PROJECTION | | DRAWING | | A3-SIZE | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | | | | | | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 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 |
| ----- | ----- | ----- | 87914-0407 | ----- | 4 | ----- | 6 | 5.08 | 2.54 | 17.49 | 12.60 | 2.60 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | | | | |
|---|--|-------|--|--|--|---------|--|--------|--|-----------------|--|----------------|--|----------|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | | | | | | |
| mm | | NTS | | EC NO: DRWN: MEGHRB 2025/08/26 CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25 | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | |
| | | MM | | | | | | | | SD-87914-013 | | PSD | | 000 | | D31 | |
| 4 PLACES ± | | ± | | | | | | | | SEE TABLE | | GENERAL MARKET | | 3 OF 46 | | | |
| 3 PLACES ± | | ± | | | | | | | | | | | | | | | |
| 2 PLACES ± | | 0.2 ± | | | | | | | | | | | | | | | |
| 1 PLACE ± | | ± | | | | | | | | | | | | | | | |
| 0 PLACES ± | | ± | | | | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | A3-SIZE | | 87914 | | SEE TABLE | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

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

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | |
|---|--|-------|--|--|--|------------------------|--|--------------------------|--|---|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | |
| mm | | NTS | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: | | DRWN: MEGHRB | | 2025/08/26 | | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | |
| | | | | CHK'D: | | APPR: | | PRODUCT CUSTOMER DRAWING | | | |
| 4 PLACES ± | | ± | | INITIAL REVISION: | | DRWN: YLQIAO | | 2005/01/17 | | DOCUMENT NUMBER | |
| 3 PLACES ± | | ± | | APPR: SCLW | | 2005/01/25 | | SD-87914-013 | | DOC TYPE DOC PART REVISION | |
| 2 PLACES ± | | 0.2 ± | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | |
| 1 PLACE ± | | ± | | A3-SIZE | | 87914 | | MATERIAL NUMBER | | CUSTOMER | |
| 0 PLACES ± | | ± | | SEE TABLE | | GENERAL MARKET | | SHEET NUMBER | | 4 OF 46 | |
| ANGULAR TOL ± 3.0° | | | | | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

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



PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | | | | |
|---|--|-------|--|---|--|-----------------|--|--------|--|--------------------------|--|---|--|--|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | | | | | | |
| mm | | NTS | | EC NO: DRWN: MEGHRB CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO APPR: SCLOW 2025/08/26 2005/01/17 2005/01/25 | | | | | | | | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | PRODUCT CUSTOMER DRAWING | | | | | | | |
| | | MM | | | | | | | | INCH | | DOCUMENT NUMBER | | | | DOC TYPE | |
| 4 PLACES | | ± | | | | | | | | ± | | SD-87914-013 | | | | PSD | |
| 3 PLACES | | ± | | | | | | | | ± | | 000 | | | | D31 | |
| 2 PLACES | | ± 0.2 | | | | | | | | ± | | REVISION | | | | | |
| 1 PLACE | | ± | | ± | | MATERIAL NUMBER | | | | CUSTOMER | | | | | | | |
| 0 PLACES | | ± | | ± | | SEE TABLE | | | | GENERAL MARKET | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | SHEET NUMBER | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | A3-SIZE | | 87914 | | 6 OF 46 | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 | ---- |
| 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 | ---- |
| 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 | --- |
| 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 | --- |
| 87914-1038 | ----- | ----- | ----- | ----- | ----- | 10 | 8 | 6 | 12.70 | 10.16 | 11.34 | 6.00 | 3.05 | --- |
| 87914-1039 | ----- | ----- | ----- | ----- | ----- | 10 | 9 | 6 | 12.70 | 10.16 | 11.34 | 6.00 | 3.05 | --- |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | |
|---|---|---|------|--|--|--------|--|-----------------|--|----------------|--|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | | | | |
| mm | | NTS | |  2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H PRODUCT CUSTOMER DRAWING | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | | |
| | | MM | INCH | | | | | | | | | | |
| 4 PLACES | ± | | ± | | | | | | | | | | |
| 3 PLACES | ± | | ± | | | | | | | | | | |
| 2 PLACES | ± | 0.2 | ± | | | | | | | | | | |
| 1 PLACE | ± | | ± | | | | | | | | | | |
| 0 PLACES | ± | | ± | | | | | | | | | | |
| ANGULAR TOL | | ± 3.0° | | EC NO: DRWN: MEGHRB CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO APPR: SCLOW | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | |
| | |  | | A3-SIZE | | 87914 | | SEE TABLE | | GENERAL MARKET | | 8 OF 46 | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 87914-1236 | ----- | ----- | ----- | ----- | 12 | ----- | 6 | 15.24 | 12.70 | 13.38 | 6.09 | 5.00 |
| 87914-1246 | ----- | ----- | ----- | ----- | 12 | ----- | 6 | 15.24 | 12.70 | 29.26 | 23.32 | 3.65 |
| 87914-1247 | ----- | ----- | ----- | ----- | 12 | ----- | 5 | 15.24 | 12.70 | 29.26 | 23.32 | 3.65 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | | | | |
|---|--|-------|--|---|--|---------|--|--------|--|-----------------|--|----------------|--|----------|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | | | | | | |
| mm | | NTS | | EC NO: DRWN: MEGHRB 2025/08/26 CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25 | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | |
| | | MM | | | | | | | | SD-87914-013 | | PSD | | 000 | | D31 | |
| 4 PLACES ± | | ± | | | | | | | | SEE TABLE | | GENERAL MARKET | | 9 OF 46 | | | |
| 3 PLACES ± | | ± | | | | | | | | | | | | | | | |
| 2 PLACES ± | | 0.2 | | | | | | | | | | | | | | | |
| 1 PLACE ± | | ± | | | | | | | | | | | | | | | |
| 0 PLACES ± | | ± | | | | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | A3-SIZE | | 87914 | | SEE TABLE | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | | | |
|---|--|-------|--|--|--|---------|--------|-----------------|----------------|--------------------------|--------------|---|--|----------|----------|----------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | | | | | |
| mm | | NTS | | EC NO: DRWN: MEGHRB 2025/08/26 CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SLOW 2005/01/25 | | | | | | | | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | PRODUCT CUSTOMER DRAWING | | | | | | |
| | | MM | | | | | | | | INCH | | DOCUMENT NUMBER | | DOC TYPE | DOC PART | REVISION |
| 4 PLACES | | ± | | | | | | | | ± | | SD-87914-013 | | PSD | 000 | D31 |
| 3 PLACES | | ± | | | | | | | | ± | | | | | | |
| 2 PLACES | | ± | | | | | | | | 0.2 | | | | | | |
| 1 PLACE | | ± | | ± | | | | | | | | | | | | |
| 0 PLACES | | ± | | ± | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | THIRD ANGLE PROJECTION | | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | | SHEET NUMBER | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | | 10 OF 46 | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 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 |
| 87914-0007 | ----- | ----- | ----- | ----- | 14 | ----- | 5 | 17.78 | 15.24 | 13.42 | 8.08 | 3.05 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | |
|---|--|-------|--|--|--|------------------------|--|--------------------------|--|---|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | |
| mm | | NTS | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: | | DRWN: MEGHRB | | 2025/08/26 | | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | |
| | | | | CHK'D: | | APPR: | | PRODUCT CUSTOMER DRAWING | | | |
| 4 PLACES ± | | ± | | INITIAL REVISION: | | DRWN: YLQIAO | | 2005/01/17 | | DOCUMENT NUMBER | |
| 3 PLACES ± | | ± | | APPR: SCLOW | | 2005/01/25 | | SD-87914-013 | | DOC TYPE DOC PART REVISION | |
| 2 PLACES ± | | 0.2 ± | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | |
| 1 PLACE ± | | ± | | A3-SIZE | | 87914 | | MATERIAL NUMBER | | CUSTOMER | |
| 0 PLACES ± | | ± | | SEE TABLE | | GENERAL MARKET | | SHEET NUMBER | | 11 OF 46 | |
| ANGULAR TOL ± 3.0° | | | | | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | |
|---|---|------------------------|------|---|--|------------|--|-----------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | |
| mm | | NTS | | <div style="text-align: center;">molex</div> <p>2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H</p> <p>PRODUCT CUSTOMER DRAWING</p> | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | |
| | | MM | INCH | | | | | | |
| 4 PLACES | ± | | ± | | | | | | |
| 3 PLACES | ± | | ± | | | | | | |
| 2 PLACES | ± | 0.2 | ± | | | | | | |
| 1 PLACE | ± | | ± | | | | | | |
| 0 PLACES | ± | | ± | | | | | | |
| ANGULAR TOL | | ± 3.0° | | EC NO: DRWN: MEGHRB CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO APPR: SCLOW | | | | | |
| | | | | 2025/08/26 | | 2005/01/17 | | 2005/01/25 | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | |
| | | | | A3-SIZE | | 87914 | | SEE TABLE | |
| DOCUMENT STATUS | | RELEASE DATE | | DOCUMENT NUMBER | | DOC TYPE | | DOC PART | |
| | | | | SD-87914-013 | | PSD | | 000 | |
| | | | | CUSTOMER | | REVISION | | SHEET NUMBER | |
| | | | | GENERAL MARKET | | D31 | | 13 OF 46 | |

| 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 | | | | | | CAP (SEE SHEET 46) |
|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|-------|------|-------|--------------------|
| | | | | | | | | 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 | ---- | - |
| 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 | ---- | - |
| 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 | --- | - |
| ----- | ----- | 87914-1807 | ----- | ----- | 18 | ----- | 5 | 22.86 | 20.32 | 17.02 | 11.05 | 3.68 | 18.02 | A |

PRE-RELEASE
 REFERENCE
 USE ONLY

| | | | | | | | | | | | |
|---|-------|---|--------------|--|-------------------|------------|--|-----------------|--------|--|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | |
| DIMENSION UNITS | SCALE | CURRENT REV DESC: | | | | | | | | | |
| mm | NTS | <div style="font-size: 24px; font-weight: bold; margin-bottom: 10px;">molex</div> 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H PRODUCT CUSTOMER DRAWING | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | |
| | | | | | | | | | | | |
| 4 PLACES | ± | | | | | | | | | | |
| 3 PLACES | ± | | | | | | | | | | |
| 2 PLACES | ± 0.2 | | | | | | | | | | |
| 1 PLACE | ± | | | | | | | | | | |
| 0 PLACES | ± | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | EC NO: | DRWN: MEGHRB | | | 2025/08/26 | | | CHK'D: | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPR: SLOW | | | INITIAL REVISION: | | | DRWN: YLQIAO | | | |
| | | THIRD ANGLE PROJECTION | | | DRAWING | | | SERIES | | | |
| | | A3-SIZE | | | 87914 | | | MATERIAL NUMBER | | | |
| | | SEE TABLE | | | CUSTOMER | | | GENERAL MARKET | | | |
| | | SHEET NUMBER | | | 14 OF 46 | | | DOCUMENT NUMBER | | | |
| | | SD-87914-013 | | | DOC TYPE | | | DOC PART | | | |
| | | PSD | | | 000 | | | REVISION | | | |
| | | D31 | | | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | |
|---|--|-------|--|-------------------|--|--|-------|--------------------------|---------|---|-----------|----------------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | |
| mm | | NTS | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: | | DRWN: MEGHRB | | 2025/08/26 | | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | |
| | | | | CHK'D: | | APPR: | | PRODUCT CUSTOMER DRAWING | | | | |
| 4 PLACES ± | | MM | | INCH | | INITIAL REVISION: | | DOCUMENT NUMBER | | DOC TYPE | DOC PART | REVISION |
| 3 PLACES ± | | | | | | DRWN: YLQIAO | | 2005/01/17 | | PSD | 000 | D31 |
| 2 PLACES ± | | 0.2 | | | | APPR: SCLOW | | 2005/01/25 | | SD-87914-013 | | |
| 1 PLACE ± | | | | | | ANGULAR TOL ± 3.0° | | | | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
| 0 PLACES ± | | | | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING | SERIES | SEE TABLE | GENERAL MARKET |
| | | | | | | A3-SIZE | 87914 | | | | | 15 OF 46 |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | | | | |
|---|--|-------|--|--|--|------------------------|--|---------|--|-----------------|--|----------------|--|-----------|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | | | | | | |
| mm | | NTS | | EC NO: DRWN: MEGHRB 2025/08/26 CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25 | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | |
| | | MM | | | | | | | | PSD | | 000 | | D31 | | | |
| 4 PLACES ± | | ± | | | | | | | | SD-87914-013 | | GENERAL MARKET | | SEE TABLE | | 16 OF 46 | |
| 3 PLACES ± | | ± | | | | | | | | | | | | | | | |
| 2 PLACES ± | | 0.2 | | | | | | | | | | | | | | | |
| 1 PLACE ± | | ± | | | | | | | | | | | | | | | |
| 0 PLACES ± | | ± | | | | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | | | | | | |
| | | | | | | A3-SIZE | | 87914 | | | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | | | | |
|---|--|----------|--|--|--|----------------|--|--------|--|-----------------|--|--------------|--|----------|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | | | | | | |
| mm | | NTS | | EC NO: DRWN: MEGHRB 2025/08/26 CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25 | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | |
| | | MM | | | | | | | | INCH | | SD-87914-013 | | PSD | | 000 D31 | |
| 4 PLACES | | ± | | | | | | | | ± | | | | | | | |
| 3 PLACES | | ± | | | | | | | | ± | | | | | | | |
| 2 PLACES | | ± 0.2 | | | | | | | | ± | | | | | | | |
| 1 PLACE | | ± | | ± | | | | | | | | | | | | | |
| 0 PLACES | | ± | | ± | | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | SHEET NUMBER | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | A3-SIZE | | 87914 | | 17 OF 46 | | | | | | | |
| MATERIAL NUMBER | | CUSTOMER | | SEE TABLE | | GENERAL MARKET | | | | | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | | | | |
|---|--|-------|--|--|--|---------|--|--------|--|-----------------|--|----------------|--|----------|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | | | | | | |
| mm | | NTS | | EC NO: DRWN: MEGHRB 2025/08/26 CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25 | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | |
| | | MM | | | | | | | | PSD | | 000 | | D31 | | | |
| 4 PLACES ± | | ± | | | | | | | | SD-87914-013 | | | | | | | |
| 3 PLACES ± | | ± | | | | | | | | SEE TABLE | | GENERAL MARKET | | 18 OF 46 | | | |
| 2 PLACES ± | | 0.2 | | | | | | | | | | | | | | | |
| 1 PLACE ± | | ± | | | | | | | | | | | | | | | |
| 0 PLACES ± | | ± | | | | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | A3-SIZE | | 87914 | | SEE TABLE | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | | | | |
|---|--|-------|--|---|--|----------------|--|----------|--|---|--|--------------------------|--|--------------|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | | | | | | |
| mm | | NTS | | | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: DRWN: MEGHRB CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO APPR: SCLOW 2025/08/26 2005/01/17 2005/01/25 | | | | | | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | | | | | |
| | | | | | | | | | | | | PRODUCT CUSTOMER DRAWING | | | | | |
| 4 PLACES ± | | ± | | | | | | | | DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | |
| 3 PLACES ± | | ± | | | | | | | | SD-87914-013 | | PSD | | 000 | | D31 | |
| 2 PLACES ± | | 0.2 ± | | | | | | | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | | | |
| 1 PLACE ± | | ± | | SEE TABLE | | GENERAL MARKET | | 19 OF 46 | | | | | | | | | |
| 0 PLACES ± | | ± | | | | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | A3-SIZE | | 87914 | | | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 | | | | | | CAP (SEE SHEET 46) |
|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|-------|------|-------|--------------------|
| | | | | | | | | 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 | --- | - |
| 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 | --- | - |
| 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 | --- | - |
| ----- | ----- | ----- | ----- | 87914-3037 | 30 | ----- | 6 | 38.10 | 35.56 | 15.29 | 10.00 | 3.00 | 16.29 | A |

PRE-RELEASE
 REFERENCE
 USE ONLY

| | | | | | | | | | | | |
|---|-------|---|---------|--------------------------|-----------------|----------------|-----------------|----------|----------|----------|--------------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | |
| DIMENSION UNITS | SCALE | CURRENT REV DESC: | | | | | | | | | |
| mm | NTS | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | <div style="text-align: center; font-weight: bold; font-size: 1.2em;">molex</div> <p>2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H</p> <p>PRODUCT CUSTOMER DRAWING</p> | | | | | | | | | |
| | | | | | | | | | | | |
| 4 PLACES | ± 0.2 | | | | | | | | | | |
| 3 PLACES | ± 0.2 | | | | | | | | | | |
| 2 PLACES | ± 0.2 | | | | | | | | | | |
| 1 PLACE | ± 0.2 | | | | | | | | | | |
| 0 PLACES | ± 0.2 | EC NO: DRWN: MEGHRB CHK'D: APPR: | | 2025/08/26 | | | | | | | |
| ANGULAR TOL ± 3.0° | | INITIAL REVISION: DRWN: YLQIAO APPR: SCLOW | | 2005/01/17 2005/01/25 | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION | SHEET NUMBER |
| | | | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | SD-87914-013 | PSD | 000 | D31 | 20 OF 46 |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 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 |
| 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | |
|---|--|-------|--|--|--|------------------------|--|--------------------------|--|---|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | |
| mm | | NTS | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: | | DRWN: MEGHRB | | 2025/08/26 | | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | |
| | | | | CHK'D: | | APPR: | | PRODUCT CUSTOMER DRAWING | | | |
| 4 PLACES ± | | ± | | INITIAL REVISION: | | DRWN: YLQIAO | | 2005/01/17 | | DOCUMENT NUMBER | |
| 3 PLACES ± | | ± | | APPR: SCLW | | 2005/01/25 | | SD-87914-013 | | DOC TYPE DOC PART REVISION | |
| 2 PLACES ± | | 0.2 ± | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | |
| 1 PLACE ± | | ± | | A3-SIZE | | 87914 | | MATERIAL NUMBER | | CUSTOMER | |
| 0 PLACES ± | | ± | | SEE TABLE | | GENERAL MARKET | | 21 OF 46 | | | |
| ANGULAR TOL ± 3.0° | | | | | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | | | | |
|---|--|-------|--|--|--|---------|--|--------|--|-----------------|--|----------------|--|----------|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | | | | | | |
| mm | | NTS | | EC NO: DRWN: MEGHRB 2025/08/26 CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25 | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | |
| | | MM | | | | | | | | PSD | | 000 | | D31 | | | |
| 4 PLACES ± | | ± | | | | | | | | SD-87914-013 | | | | | | | |
| 3 PLACES ± | | ± | | | | | | | | SEE TABLE | | GENERAL MARKET | | | | | |
| 2 PLACES ± | | 0.2 | | | | | | | | | | | | | | | |
| 1 PLACE ± | | ± | | | | | | | | | | | | | | | |
| 0 PLACES ± | | ± | | | | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | SHEET NUMBER | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | A3-SIZE | | 87914 | | 22 OF 46 | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | | | | |
|---|--|----------|--|---|--|----------------|--|--------|--|-----------------|--|--------------------------|--|----------|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | | | | | | |
| mm | | NTS | | EC NO: DRWN: MEGHRB 2025/08/26 CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25 | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | |
| | | MM | | | | | | | | INCH | | SD-87914-013 | | PSD | | 000 D31 | |
| 4 PLACES ± | | ± | | | | | | | | ± | | PRODUCT CUSTOMER DRAWING | | | | | |
| 3 PLACES ± | | ± | | | | | | | | ± | | | | | | | |
| 2 PLACES ± | | 0.2 | | | | | | | | ± | | | | | | | |
| 1 PLACE ± | | ± | | ± | | | | | | | | | | | | | |
| 0 PLACES ± | | ± | | ± | | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | SHEET NUMBER | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | A3-SIZE | | 87914 | | 23 OF 46 | | | | | | | |
| MATERIAL NUMBER | | CUSTOMER | | SEE TABLE | | GENERAL MARKET | | | | | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | | | | |
|---|--|-------|--|--|--|------------------------|--|---------|--|-----------------|--|----------------|--|----------|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | | | | | | |
| mm | | NTS | | EC NO: DRWN: MEGHRB 2025/08/26 CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25 | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | |
| | | MM | | | | | | | | PSD | | 000 | | D31 | | | |
| 4 PLACES ± | | ± | | | | | | | | SD-87914-013 | | GENERAL MARKET | | 24 OF 46 | | | |
| 3 PLACES ± | | ± | | | | | | | | | | | | | | | |
| 2 PLACES ± | | 0.2 | | | | | | | | | | | | | | | |
| 1 PLACE ± | | ± | | | | | | | | | | | | | | | |
| 0 PLACES ± | | ± | | | | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | | | | | | |
| | | | | | | A3-SIZE | | 87914 | | | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | | | | |
|---|--|-------|--|--|--|---------|--|--------|--|-----------------|--|----------------|--|----------|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | | | | | | |
| mm | | NTS | | EC NO: DRWN: MEGHRB 2025/08/26 CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25 | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | |
| | | MM | | | | | | | | PSD | | 000 | | D31 | | | |
| 4 PLACES ± | | | | | | | | | | SD-87914-013 | | | | | | | |
| 3 PLACES ± | | | | | | | | | | SEE TABLE | | GENERAL MARKET | | 25 OF 46 | | | |
| 2 PLACES ± 0.2 | | | | | | | | | | | | | | | | | |
| 1 PLACE ± | | | | | | | | | | | | | | | | | |
| 0 PLACES ± | | | | | | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | A3-SIZE | | 87914 | | SEE TABLE | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 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 |

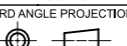
PRE-RELEASE
 REFERENCE
 USE ONLY

| | | | | | | | | | | | |
|---|------------|--|---------|--------------|-----------------|----------------|-----------------|-------------|----------|------------|--------------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | |
| DIMENSION UNITS | SCALE | CURRENT REV DESC: | | | | | | | | | |
| mm | NTS | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | <div style="text-align: center; font-weight: bold; font-size: 18px;">molex</div> <p>2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H</p> <p>PRODUCT CUSTOMER DRAWING</p> | | | | | | | | | |
| | MM INCH | | | | | | | | | | |
| 4 PLACES | ± ± | | | | | | | | | | |
| 3 PLACES | ± ± | | | | | | | | | | |
| 2 PLACES | ± 0.2 ± | | | | | | | | | | |
| 1 PLACE | ± ± | | | | | | | | | | |
| 0 PLACES | ± ± | EC NO: | | DRWN: MEGHRB | | 2025/08/26 | | CHK'D: | | APPR: | |
| ANGULAR TOL ± 3.0° | | INITIAL REVISION: | | DRWN: YLQIAO | | 2005/01/17 | | APPR: SCLOW | | 2005/01/25 | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION | SHEET NUMBER |
| | | | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | SD-87914-013 | PSD | 000 | D31 | 26 OF 46 |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | |
|---|---|---|------|---|--|--------|--|-----------------|--|----------------|--|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | | | | |
| mm | | NTS | | <p style="text-align: center;">molex</p> <p style="text-align: center;">2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H</p> <p style="text-align: center;">PRODUCT CUSTOMER DRAWING</p> | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | | |
| | | MM | INCH | | | | | | | | | | |
| 4 PLACES | ± | | ± | | | | | | | | | | |
| 3 PLACES | ± | | ± | | | | | | | | | | |
| 2 PLACES | ± | 0.2 | ± | | | | | | | | | | |
| 1 PLACE | ± | | ± | | | | | | | | | | |
| 0 PLACES | ± | | ± | | | | | | | | | | |
| ANGULAR TOL | | ± 3.0° | | EC NO: DRWN: MEGHRB CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO APPR: SCLOW | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | |
| | |  | | A3-SIZE | | 87914 | | SEE TABLE | | GENERAL MARKET | | 27 OF 46 | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | | | | |
|---|--|-------|--|--|--|----------|--|--------------|--|--------------------------|--|----------|--|----------|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | | | | | | |
| mm | | NTS | | EC NO: DRWN: MEGHRB 2025/08/26 CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25 | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | |
| | | MM | | | | | | | | SD-87914-013 | | PSD | | 000 | | D31 | |
| 4 PLACES ± | | ± | | | | | | | | PRODUCT CUSTOMER DRAWING | | | | | | | |
| 3 PLACES ± | | ± | | | | | | | | | | | | | | | |
| 2 PLACES ± | | 0.2 | | | | | | | | | | | | | | | |
| 1 PLACE ± | | ± | | | | | | | | | | | | | | | |
| 0 PLACES ± | | ± | | | | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | 28 OF 46 | | | | | | | |
| | | | | A3-SIZE | | 87914 | | SEE TABLE | | GENERAL MARKET | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | |
|---|---|-------|------|---|--|---------|--|-----------------|--|-----------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | | |
| mm | | NTS | | <p style="text-align: center;">molex</p> <p style="text-align: center;">2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H</p> <p style="text-align: center;">PRODUCT CUSTOMER DRAWING</p> | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | |
| | | MM | INCH | | | | | | | | |
| 4 PLACES | ± | | ± | | | | | | | | |
| 3 PLACES | ± | | ± | | | | | | | | |
| 2 PLACES | ± | 0.2 | ± | | | | | | | | |
| 1 PLACE | ± | | ± | | | | | | | | |
| 0 PLACES | ± | | ± | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | EC NO: DRWN: MEGHRB CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO APPR: SCLOW 2005/01/17 2005/01/25 | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | DOCUMENT NUMBER | |
| | | | | | | A3-SIZE | | 87914 | | SD-87914-013 | |
| | | | | | | | | MATERIAL NUMBER | | CUSTOMER | |
| | | | | | | | | SEE TABLE | | GENERAL MARKET | |
| | | | | | | | | | | SHEET NUMBER | |
| | | | | | | | | | | 29 OF 46 | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| 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 |
| 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | |
|---|--|---------|--|---|--|---------|--------|-----------------|----------------|--------------------------|--|---|-----|--------------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | | | |
| mm | | NTS | | EC NO: DRWN: MEGHRB 2025/08/26 CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25 | | | | | | | | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | PRODUCT CUSTOMER DRAWING | | | | |
| | | MM INCH | | | | | | | | | | DOCUMENT NUMBER | | DOC TYPE |
| 4 PLACES ± | | ± | | | | | | | | SD-87914-013 | | PSD | 000 | D31 |
| 3 PLACES ± | | ± | | | | | | | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER |
| 2 PLACES ± | | 0.2 ± | | | | | | | | SEE TABLE | | GENERAL MARKET | | 30 OF 46 |
| 1 PLACE ± | | ± | | | | | | | | | | | | |
| 0 PLACES ± | | ± | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | THIRD ANGLE PROJECTION | | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | A3-SIZE | 87914 | SEE TABLE | GENERAL MARKET | 30 OF 46 | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| ----- | 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | |
|---|---|----------------|------|---|--|------------|--|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | |
| mm | | NTS | | <p>molex</p> <p>2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H</p> <p>PRODUCT CUSTOMER DRAWING</p> | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | |
| | | MM | INCH | | | | | | |
| 4 PLACES | ± | | ± | | | | | | |
| 3 PLACES | ± | | ± | | | | | | |
| 2 PLACES | ± | 0.2 | ± | | | | | | |
| 1 PLACE | ± | | ± | | | | | | |
| 0 PLACES | ± | | ± | | | | | | |
| ANGULAR TOL ± 3.0° | | | | EC NO: | | 2025/08/26 | | DRWN: MEGHRB | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | |
| | | | | | | A3-SIZE | | 87914 | |
| DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | | | |
| SD-87914-013 | | PSD | | 000 | | D31 | | | |
| MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | | | | | |
| SEE TABLE | | GENERAL MARKET | | 31 OF 46 | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| ----- | 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 |

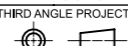
PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | |
|---|---|------------------------|---|---|--|------------|--|-----------------|--|----------------|--|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | | | | |
| mm | | NTS | | <p style="text-align: center;">molex</p> <p style="text-align: center;">2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H</p> <p style="text-align: center;">PRODUCT CUSTOMER DRAWING</p> | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | | |
| | | MM | | | | | | | | INCH | | | |
| 4 PLACES | ± | | ± | | | | | | | | | | |
| 3 PLACES | ± | | ± | | | | | | | | | | |
| 2 PLACES | ± | 0.2 | ± | | | | | | | | | | |
| 1 PLACE | ± | | ± | | | | | | | | | | |
| 0 PLACES | ± | | ± | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | EC NO: DRWN: MEGHRB CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO APPR: SCLOW | | | | | | | | | |
| | | | | 2025/08/26 | | 2025/01/17 | | 2025/01/25 | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | |
| | | | | A3-SIZE | | 87914 | | SEE TABLE | | GENERAL MARKET | | 32 OF 46 | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| ----- | 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 |


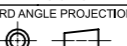
PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | |
|---|---|----------|---|---|--|----------------|--|--------------|--|------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | | |
| mm | | NTS | | <p style="text-align: center;">molex</p> <p style="text-align: center;">2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H</p> <p style="text-align: center;">PRODUCT CUSTOMER DRAWING</p> | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | |
| | | MM | | | | | | | | INCH | |
| 4 PLACES | ± | | ± | | | | | | | | |
| 3 PLACES | ± | | ± | | | | | | | | |
| 2 PLACES | ± | 0.2 | ± | | | | | | | | |
| 1 PLACE | ± | | ± | | | | | | | | |
| 0 PLACES | ± | | ± | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | EC NO: | | 2025/08/26 | | DRWN: MEGHRB | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | | |
| | | | |  | | A3-SIZE | | 87914 | | | |
| DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | | SHEET NUMBER | | | |
| SD-87914-013 | | PSD | | 000 | | D31 | | 33 OF 46 | | | |
| MATERIAL NUMBER | | CUSTOMER | | SEE TABLE | | GENERAL MARKET | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| ----- | 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | |
|---|---|---|------|--|--|------------|--|-----------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | |
| mm | | NTS | |  2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H PRODUCT CUSTOMER DRAWING | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | |
| | | MM | INCH | | | | | | |
| 4 PLACES | ± | | ± | | | | | | |
| 3 PLACES | ± | | ± | | | | | | |
| 2 PLACES | ± | 0.2 | ± | | | | | | |
| 1 PLACE | ± | | ± | | | | | | |
| 0 PLACES | ± | | ± | | | | | | |
| ANGULAR TOL | | ± 3.0° | | EC NO: | | 2025/08/26 | | DRWN: MEGHRB | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | |
| | |  | | A3-SIZE | | 87914 | | SEE TABLE | |
| DOCUMENT STATUS | | RELEASE DATE | | INITIAL REVISION: | | 2005/01/17 | | DOCUMENT NUMBER | |
| | | | | DRWN: YLQIAO | | 2005/01/25 | | SD-87914-013 | |
| | | | | APPR: SCLW | | | | DOC TYPE | |
| | | | | | | | | PSD | |
| | | | | | | | | DOC PART | |
| | | | | | | | | 000 | |
| | | | | | | | | REVISION | |
| | | | | | | | | D31 | |
| | | | | | | | | CUSTOMER | |
| | | | | | | | | GENERAL MARKET | |
| | | | | | | | | SHEET NUMBER | |
| | | | | | | | | 34 OF 46 | |

| 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 |
| ----- | 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 |

PRE-RELEASE
REFERENCE
USE ONLY


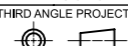
| | | | | | | | | | | | |
|---|---|----------------|---|---|--|------------------------|--|--------------|--|------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | | |
| mm | | NTS | | <p style="text-align: center;">molex</p> <p style="text-align: center;">2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H</p> <p style="text-align: center;">PRODUCT CUSTOMER DRAWING</p> | | | | | | | |
| 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 | | THIRD ANGLE PROJECTION | | DRAWING | | | |
| DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | | SHEET NUMBER | | | |
| SD-87914-013 | | PSD | | 000 | | D31 | | 35 OF 46 | | | |
| MATERIAL NUMBER | | CUSTOMER | | SERIES | | DRAWING | | DATE | | | |
| SEE TABLE | | GENERAL MARKET | | 87914 | | A3-SIZE | | 2025/08/26 | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 | | | | | | CAP (SEE SHEET 46) |
|----------------------------|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|-------|--------------------|
| | | | | | | | | | A | B | F | M | P | G | |
| 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 | - | - |
| ----- | 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 | - | - |
| ----- | ----- | 87914-6258 | ----- | ----- | 87914-6257 | 62 | ----- | 6 | 78.74 | 76.20 | 13.61 | 8.60 | 2.72 | 14.63 | B |
| ----- | ----- | 87914-6260 | ----- | ----- | 87914-6259 | 62 | ----- | 5 | 78.74 | 76.20 | 13.61 | 8.60 | 2.72 | 14.63 | B |

D30

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | | | | | | |
|---|--|-------|--|---|--|---------|--|--------|--|---|--|---|--|--------------|--|----------|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | |  | | | | | | | | | |
| mm | | NTS | | EC NO: DRWN: MEGHRB 2025/08/26 CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25 | | | | | | | | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | PRODUCT CUSTOMER DRAWING | | | | | | | | | |
| | | MM | | | | | | | | INCH | | DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | |
| 4 PLACES ± | | ± | | | | | | | | ± | | SD-87914-013 | | PSD | | 000 | | D31 | |
| 3 PLACES ± | | ± | | | | | | | | ± | | | | | | | | | |
| 2 PLACES ± | | 0.2 | | | | | | | | ± | | | | | | | | | |
| 1 PLACE ± | | ± | | ± | | | | | | | | | | | | | | | |
| 0 PLACES ± | | ± | | ± | | | | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | | | | | |
| | | | |  | | A3-SIZE | | 87914 | | SEE TABLE | | GENERAL MARKET | | 36 OF 46 | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |


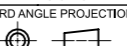
PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | | | | |
|---|---|-------|---|---|--|----------------|--|--------------|--|-----------------|--|----------|--|----------|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | | | | | | | | |
| mm | | NTS | | <p style="text-align: center;">molex</p> <p style="text-align: center;">2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H</p> <p style="text-align: center;">PRODUCT CUSTOMER DRAWING</p> | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | | | | | | |
| | | MM | | | | | | | | INCH | | | | | | | |
| 4 PLACES | ± | | ± | | | | | | | | | | | | | | |
| 3 PLACES | ± | | ± | | | | | | | | | | | | | | |
| 2 PLACES | ± | 0.2 | ± | | | | | | | | | | | | | | |
| 1 PLACE | ± | | ± | | | | | | | | | | | | | | |
| 0 PLACES | ± | | ± | | | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | EC NO: DRWN: MEGHRB CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO APPR: SCLOW 2025/01/17 2005/01/25 | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | |
| | | | | A3-SIZE | | 87914 | | SD-87914-013 | | PSD | | 000 | | D31 | | | |
| | | | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | | | | | | | | | |
| | | | | SEE TABLE | | GENERAL MARKET | | 37 OF 46 | | | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| ----- | 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | |
|---|---|---|------|--|--|--------|--|-----------------|--|----------------|--|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | | | | |
| mm | | NTS | |  2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H PRODUCT CUSTOMER DRAWING | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | | |
| | | MM | INCH | | | | | | | | | | |
| 4 PLACES | ± | | ± | | | | | | | | | | |
| 3 PLACES | ± | | ± | | | | | | | | | | |
| 2 PLACES | ± | 0.2 | ± | | | | | | | | | | |
| 1 PLACE | ± | | ± | | | | | | | | | | |
| 0 PLACES | ± | | ± | | | | | | | | | | |
| ANGULAR TOL | | ± 3.0° | | EC NO: DRWN: MEGHRB CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO APPR: SCLOW | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | |
| | |  | | A3-SIZE | | 87914 | | SEE TABLE | | GENERAL MARKET | | 38 OF 46 | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| ----- | 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | |
|---|---|----------------|------|---|--|------------|--|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | |
| mm | | NTS | | <p>molex</p> <p>2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H</p> <p>PRODUCT CUSTOMER DRAWING</p> | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | |
| | | MM | INCH | | | | | | |
| 4 PLACES | ± | | ± | | | | | | |
| 3 PLACES | ± | | ± | | | | | | |
| 2 PLACES | ± | 0.2 | ± | | | | | | |
| 1 PLACE | ± | | ± | | | | | | |
| 0 PLACES | ± | | ± | | | | | | |
| ANGULAR TOL ± 3.0° | | | | EC NO: | | 2025/08/26 | | DRWN: MEGHRB | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | |
| | | | | | | A3-SIZE | | 87914 | |
| DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | | | |
| SD-87914-013 | | PSD | | 000 | | D31 | | | |
| MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | | | | | |
| SEE TABLE | | GENERAL MARKET | | 39 OF 46 | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| ----- | 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | | | | |
|---|--|-------|--|--|--|---------|--|-----------|--|--------------------------|--|---|--|----------|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | | | | | | |
| mm | | NTS | | EC NO: DRWN: MEGHRB 2025/08/26 CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SLOW 2005/01/25 | | | | | | | | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | PRODUCT CUSTOMER DRAWING | | | | | | | |
| | | MM | | | | | | | | INCH | | DOCUMENT NUMBER | | | | DOC TYPE | |
| 4 PLACES | | ± | | | | | | | | ± | | SD-87914-013 | | | | PSD | |
| 3 PLACES | | ± | | | | | | | | ± | | 000 | | | | D31 | |
| 2 PLACES | | ± | | | | | | | | 0.2 | | ± | | REVISION | | | |
| 1 PLACE | | ± | | ± | | ± | | 40 OF 46 | | | | | | | | | |
| 0 PLACES | | ± | | ± | | ± | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | A3-SIZE | | 87914 | | CUSTOMER | | | | | | | |
| | | | | | | | | SEE TABLE | | GENERAL MARKET | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | |
|---|---|---|------|---|--|------------------------|--|----------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | |
| mm | | NTS | | <p>molex</p> <p>2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H</p> <p>PRODUCT CUSTOMER DRAWING</p> | | | | | |
| 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 | | THIRD ANGLE PROJECTION | | DRAWING | |
| DOCUMENT NUMBER | | INITIAL REVISION: | | SERIES | | MATERIAL NUMBER | | CUSTOMER | |
| SD-87914-013 | | DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25 | | 87914 | | SEE TABLE | | GENERAL MARKET | |
| DOC TYPE | | DOC PART | | REVISION | | SHEET NUMBER | | | |
| PSD | | 000 | | D31 | | 41 OF 46 | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| ----- | 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | |
|---|--|-------|--|--|--|------------------------|--|--------------------------|--|---|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | |
| mm | | NTS | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: | | DRWN: MEGHRB | | 2025/08/26 | | 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H | |
| | | | | CHK'D: | | APPR: | | PRODUCT CUSTOMER DRAWING | | | |
| 4 PLACES ± | | | | 1 PLACE ± | | INITIAL REVISION: | | DOCUMENT NUMBER | | DOC TYPE | |
| 3 PLACES ± | | | | 0 PLACES ± | | DRWN: YLQIAO | | SD-87914-013 | | PSD | |
| 2 PLACES ± 0.2 | | | | ANGULAR TOL ± 3.0° | | APPR: SCLOW | | 2005/01/17 | | 000 | |
| 1 PLACE ± | | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | REVISION | |
| 0 PLACES ± | | | | | | A3-SIZE | | SERIES | | SHEET NUMBER | |
| | | | | | | 87914 | | MATERIAL NUMBER | | CUSTOMER | |
| | | | | | | SEE TABLE | | GENERAL MARKET | | 42 OF 46 | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| ----- | 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | | | | | |
|---|--|-------|--|---|--|---------|--|--------|--|-----------------|--|----------------|--|----------|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | molex | | | | | | | |
| mm | | NTS | | EC NO: DRWN: MEGHRB 2025/08/26 CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25 | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | |
| | | MM | | | | | | | | PSD | | 000 | | D31 | | | |
| 4 PLACES ± | | ± | | | | | | | | SD-87914-013 | | | | | | | |
| 3 PLACES ± | | ± | | | | | | | | SEE TABLE | | GENERAL MARKET | | 43 OF 46 | | | |
| 2 PLACES ± | | 0.2 ± | | | | | | | | | | | | | | | |
| 1 PLACE ± | | ± | | | | | | | | | | | | | | | |
| 0 PLACES ± | | ± | | | | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | A3-SIZE | | 87914 | | CUSTOMER | | | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

| 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 |
| ----- | 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 |


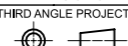
PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | |
|---|---|----------------|------|---|--|------------|--|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | |
| mm | | NTS | | <p>molex</p> <p>2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H</p> <p>PRODUCT CUSTOMER DRAWING</p> | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | |
| | | MM | INCH | | | | | | |
| 4 PLACES | ± | | ± | | | | | | |
| 3 PLACES | ± | | ± | | | | | | |
| 2 PLACES | ± | 0.2 | ± | | | | | | |
| 1 PLACE | ± | | ± | | | | | | |
| 0 PLACES | ± | | ± | | | | | | |
| ANGULAR TOL ± 3.0° | | | | EC NO: | | 2025/08/26 | | DRWN: MEGHRB | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | |
| | | | | | | A3-SIZE | | 87914 | |
| DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | | | |
| SD-87914-013 | | PSD | | 000 | | D31 | | | |
| MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | | | | | |
| SEE TABLE | | GENERAL MARKET | | 44 OF 46 | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

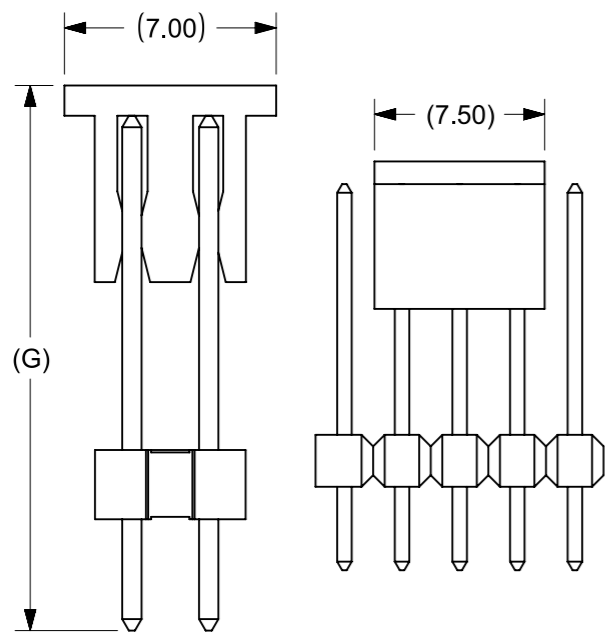
| PART NO FOR BULK PACKAGING | PART NO FOR BULK PACKAGING | PART NO. FOR TUBE WITHOUT CAP PACKAGING | PART NO. FOR TUBE WITH CAP PACKAGING | PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING | PART NO. FOR TAPE & REEL WITH CAP PACKAGING | CKT SIZE | VOID POSITION | PLATING TYPE | DIMENSION | | | | |
|----------------------------|----------------------------|---|--------------------------------------|--|---|----------|---------------|--------------|-----------|-------|-------|------|------|
| | | | | | | | | | 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 |
| 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 |
| ----- | 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 |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | |
|---|---|---|---|--|--|--------|--|-----------------|--|----------------|--|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | | | | |
| mm | | NTS | |  2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H PRODUCT CUSTOMER DRAWING | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | | |
| | | MM | | | | | | | | INCH | | | |
| 4 PLACES | ± | | ± | | | | | | | | | | |
| 3 PLACES | ± | | ± | | | | | | | | | | |
| 2 PLACES | ± | 0.2 | ± | | | | | | | | | | |
| 1 PLACE | ± | | ± | | | | | | | | | | |
| 0 PLACES | ± | | ± | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | EC NO: DRWN: MEGHRB CHK'D: APPR: INITIAL REVISION: DRWN: YLQIAO APPR: SCLOW 2025/08/26 2005/01/17 2005/01/25 | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | |
| | |  | | A3-SIZE | | 87914 | | SEE TABLE | | GENERAL MARKET | | 45 OF 46 | |

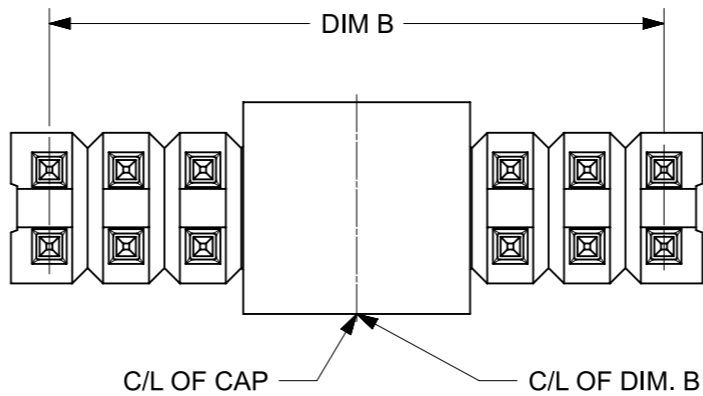
| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|

CAP INFORMATION: CAP OPTION A



PART WITH CAP

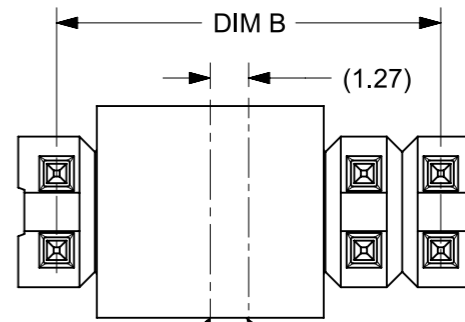
CKT SIZE = ODD COLUMN * 2 ROW
(EXAMPLE: 10CKT (5*2), 14CKT (7*2))



C/L OF CAP C/L OF DIM. B

C/L OF CAP = C/L OF DIM B

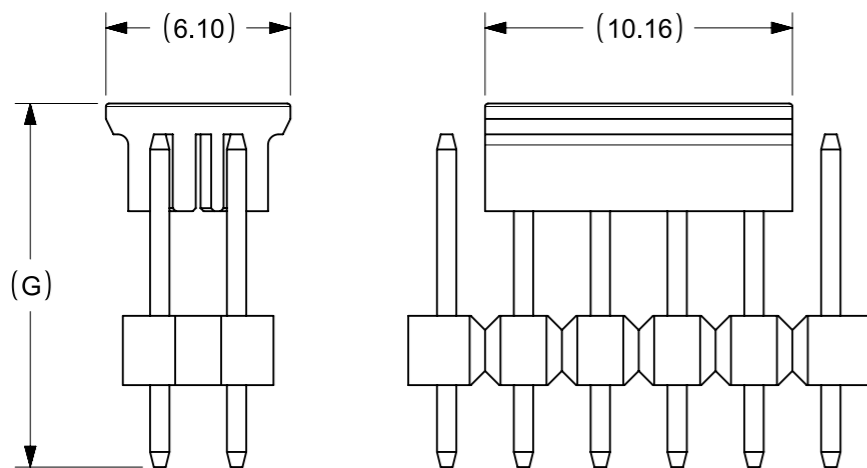
CKT SIZE = EVEN COLUMN * 2 ROW
(EXAMPLE: 12CKT (6*2), 16CKT (8*2))



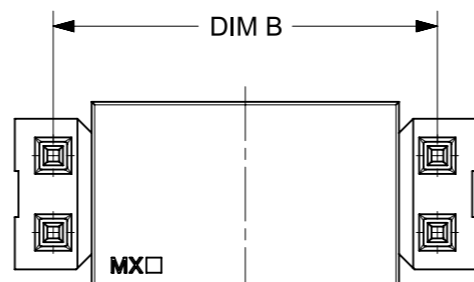
C/L OF CAP C/L OF DIM. B

C/L OF DIM B IS OFFSET BY 1.27MM WITH C/L OF CAP

CAP INFORMATION: CAP OPTION B



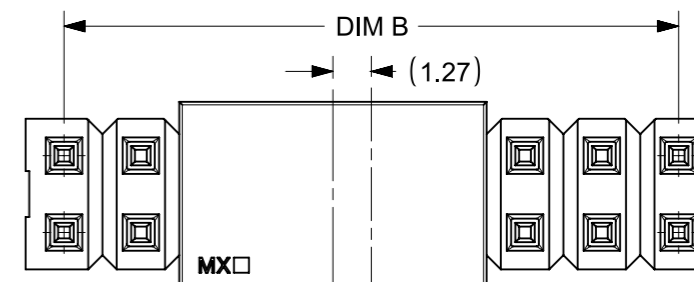
CKT SIZE = EVEN COLUMN * 2 ROW
(EXAMPLE: 12CKT (6*2), 16CKT (8*2))



C/L OF CAP C/L OF DIM B

C/L OF CAP = C/L OF DIM B

CKT SIZE = ODD COLUMN * 2 ROW
(EXAMPLE: 10CKT (5*2), 14CKT (7*2))



C/L OF CAP C/L OF DIM B

C/L OF DIM B IS OFFSET BY 1.27MM WITH C/L OF CAP

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | | | | |
|---|--|--|--|---|--|------------|--|----------------------------|--|--------------|--|-------------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | | | | |
| mm | | NTS | | <div style="text-align: center;">molex</div> <p>2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H</p> <p>PRODUCT CUSTOMER DRAWING</p> | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0 ° | | | | | | | | | | | | | |
| 4 PLACES ± | | EC NO: | | | | | | | | DRWN: MEGHRB | | 2025/08/26 | |
| 3 PLACES ± | | CHK'D: | | | | | | | | APPR: | | INITIAL REVISION: | |
| 2 PLACES ± 0.2 | | 1 PLACE ± | | DRWN: KCHO | | 2004/12/20 | | DOCUMENT NUMBER | | | | | |
| 0 PLACES ± | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | | | | |
| | | | | A3-SIZE | | 87914 | | SD-87914-013 | | | | | |
| | | | | GENERAL MARKET | | 46 OF 46 | | DOC TYPE DOC PART REVISION | | | | | |
| | | | | | | | | PSD 000 D31 | | | | | |

| | |
|-----------------|--------------|
| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|