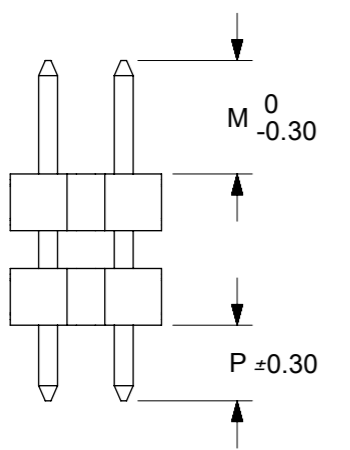


- NOTES:**
- MATERIAL:**
HSG: NYLON, GLASS-FILLED, UL94V-0 COLOR: BLACK
PIN: 0.50MM SQ, COPPER ALLOY
 - PLATING FINISH:**
 - 0.38µm MIN. GOLD OVER
1.25µm MIN. NICKEL OVERALL.
 - GOLD FLASH ON CONTACT AND
2.50µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - 0.38µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - 0.75µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - 2.50µm MIN. TIN OVERALL
1.25µm min. NICKEL OVERALL
 - 0.38µm MIN. GOLD PLATE ON CONTACT AND
0.05µm MIN. GOLD ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - 0.75µm MIN. GOLD PLATE ON CONTACT AND
0.05µm MIN. GOLD ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - PIN PUSHOUT FORCE: 0.85Kgf MIN IN EITHER DIRECTION.
 - THE ABOVE 16CKTS SHOWN IS FOR ILLUSTRATION ONLY.
 - FOR PACKING OPTION PLEASE REFER TO THE TABLE.
 - IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
 - PRODUCT SPEC PS-87761-001 APPLIES.
 - RECOMMENDED PCB THICKNESS 1.60MM.
 - WAFER TO BE FLAT WITHIN 0.003 mm/mm
 - PACKAGING SPECIFICATION:
TRAY: PK-89990-487
BULK: PK-89990-490
TUBE: PK-89990-475
 - WHEN WAFER ARE STACK TOGETHER, DIMENSION 'H' SHOULD BE TAKEN AS REFERENCE.

| | | | | | |
|---------|---|------------------------|------------------------------------|------------------------------|---|
| SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CURRENT REV DESC: REMASTERED IN NX | | molex |
| | DIMENSION UNITS | SCALE | | | |
| ▽ = 0 | mm | NTS | | | 2MM DUAL ROW DUAL WAFER HEADER, VERTICAL T/H |
| ▽ = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | |
| ▽ = 0 | | MM | INCH | | |
| ▽ = 0 | 4 PLACES ± | ± | | | PRODUCT CUSTOMER DRAWING |
| ▽ = 0 | 3 PLACES ± | ± | | | |
| ▽ = 0 | 2 PLACES ± | 0.2 | ± | | |
| ▽ = 0 | 1 PLACE ± | ± | | | DOCUMENT NUMBER SD-87761-052 |
| ▽ = 0 | 0 PLACES ± | ± | | | |
| ▽ = 0 | ANGULAR TOL ± | 3.0° | | | DOC TYPE PSD |
| ▽ = 0 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIRD ANGLE PROJECTION | DRAWING A3-SIZE | SERIES 87761 | DOC PART 001 |
| ▽ = 0 | | | | MATERIAL NUMBER SEE TABLE | REVISION D |
| | | | | CUSTOMER GENERAL MARKET | SHEET NUMBER 1 OF 3 |

| CKT SIZE | DIMENSION | |
|----------|-----------|-------|
| | A | B |
| 04 | 4.00 | 2.00 |
| 06 | 6.00 | 4.00 |
| 08 | 8.00 | 6.00 |
| 10 | 10.00 | 8.00 |
| 12 | 12.00 | 10.00 |
| 14 | 14.00 | 12.00 |
| 16 | 16.00 | 14.00 |
| 18 | 18.00 | 16.00 |
| 20 | 20.00 | 18.00 |
| 22 | 22.00 | 20.00 |
| 24 | 24.00 | 22.00 |
| 26 | 26.00 | 24.00 |
| 28 | 28.00 | 26.00 |
| 30 | 30.00 | 28.00 |
| 32 | 32.00 | 30.00 |
| 34 | 34.00 | 32.00 |
| 36 | 36.00 | 34.00 |
| 38 | 38.00 | 36.00 |
| 40 | 40.00 | 38.00 |
| 42 | 42.00 | 40.00 |
| 44 | 44.00 | 42.00 |
| 46 | 46.00 | 44.00 |
| 48 | 48.00 | 46.00 |
| 50 | 50.00 | 48.00 |

NOTES:
 12 APPLY ONLY FOR PART#87761-5021 & 87761-5022



| PART NUMBERS | CKT SIZE | VOID POSITION | KINK POSITION | DIMENSION | | | | PLATING OPTION | PACKAGING TYPE |
|--------------|----------|---------------|---------------|------------|----------------|-------------|-------|----------------|----------------|
| | | | | MATING END | STACKER HEIGHT | SOLDER TAIL | (F) | | |
| | | | | M | H | (P) | | | |
| 87761-0401 | 04 | --- | --- | 4.00 | 15.50 | 3.50 | 23.00 | 3 | TRAY |
| 87761-0600 | 06 | --- | --- | 7.00 | 5.00 | 2.80 | 14.80 | 5 | |
| 87761-0801 | 08 | 3,4,5,6 | --- | 4.00 | 15.50 | 3.50 | 23.00 | 3 | |
| 87761-0800 | 08 | --- | --- | 8.70 | 16.00 | 3.50 | 28.20 | 4 | BULK |
| 87761-1006 | 10 | 1 | --- | 1.16 | 3.05 | 3.99 | 8.20 | 5 | TRAY |
| 87761-1009 | 10 | --- | --- | 1.16 | 3.05 | 3.99 | 8.20 | 5 | |
| 87761-1007 | 10 | --- | --- | 2.60 | 34.00 | 2.60 | 39.20 | 5 | |
| 87761-1000 | 10 | --- | --- | 5.50 | 27.05 | 3.43 | 36.43 | 4 | |
| 87761-1001 | 10 | --- | --- | 2.50 | 14.50 | 4.00 | 21.00 | 4 | |
| 87761-0012 | 12 | --- | --- | 2.60 | 10.00 | 3.70 | 16.30 | 5 | |
| 87761-1200 | 12 | --- | --- | 4.00 | 24.00 | 2.79 | 30.79 | 4 | |
| 87761-0016 | 16 | --- | --- | 4.00 | 9.15 | 3.85 | 17.00 | 3 | |
| 87761-0017 | 16 | --- | --- | 3.00 | 3.00 | 2.70 | 8.70 | 5 | |
| 87761-1600 | 16 | --- | --- | 7.00 | 5.00 | 2.80 | 14.80 | 5 | |
| 87761-0020 | 20 | --- | --- | 6.00 | 4.00 | 2.90 | 12.90 | 5 | TRAY |
| 87761-0031 | 20 | --- | --- | 3.00 | 4.00 | 2.03 | 9.00 | 6 | |
| 87761-2000 | 20 | --- | --- | 4.00 | 24.00 | 2.79 | 30.79 | 4 | |
| 87761-2001 | 20 | --- | --- | 2.50 | 14.50 | 4.00 | 21.00 | 4 | |
| 87761-2018 | 20 | --- | --- | 4.50 | 10.16 | 4.45 | 19.10 | 3 | |
| 87761-2400 | 24 | --- | --- | 5.50 | 27.50 | 2.80 | 35.80 | 4 | |
| 87761-2401 | 24 | --- | --- | 2.00 | 60.00 | 2.00 | 64.00 | 7 | |
| 87761-2402 | 24 | --- | --- | 2.00 | 42.00 | 2.00 | 46.00 | 7 | |
| 87761-2610 | 26 | --- | --- | 5.30 | 6.30 | 2.70 | 14.30 | 4 | |
| 87761-3000 | 30 | --- | --- | 4.00 | 17.30 | 4.00 | 25.30 | 1 | |
| 87761-0024 | 40 | --- | --- | 8.89 | 15.88 | 3.43 | 28.20 | 4 | TRAY |
| 87761-4000 | 40 | --- | --- | 2.60 | 3.00 | 2.60 | 8.20 | 5 | |
| 87761-4218 | 42 | --- | --- | 4.50 | 10.16 | 4.45 | 19.10 | 3 | |
| 87761-4400 | 44 | --- | --- | 7.00 | 5.00 | 4.00 | 16.00 | 5 | |
| 87761-0026 | 50 | --- | --- | 8.89 | 15.88 | 3.43 | 28.20 | 4 | |
| 87761-5000 | 50 | --- | --- | 3.50 | 10.00 | 3.50 | 17.00 | 5 | |
| 87761-5001 | 50 | --- | --- | 2.50 | 10.30 | 4.00 | 16.80 | 4 | |
| 87761-5002 | 50 | --- | --- | 2.50 | 11.70 | 2.60 | 16.80 | 4 | |
| 87761-5021 | 50 | --- | --- | 4.00 | 8.70 | 2.50 | 15.20 | 3 | |
| 87761-5022 | 50 | --- | --- | 4.00 | 5.71 | 2.50 | 12.21 | 3 | |
| 87761-0001 | 10 | --- | --- | 5.08 | 22.86 | 5.08 | 33.02 | 3 | TBD |
| 87761-0002 | 50 | --- | --- | 7.25 | 17.50 | 7.25 | 32.00 | | |
| 87761-0003 | 16 | --- | --- | 6.53 | 5.08 | 2.49 | 14.10 | 3 | |
| 87761-0006 | 04 | --- | --- | 5.46 | 8.18 | 5.46 | 19.10 | 3 | TBD |
| 87761-0007 | 06 | --- | --- | 5.46 | 8.18 | 5.46 | 19.10 | 3 | |
| 87761-0008 | 12 | --- | --- | 5.46 | 8.18 | 5.46 | 19.10 | 3 | |
| 87761-3420 | 34 | --- | --- | 13.20 | 6.00 | TBD | 19.20 | 3 | TBD |
| 87761-5020 | 50 | --- | --- | 13.20 | 6.00 | TBD | 19.20 | 3 | TBD |
| 87761-0010 | 10 | --- | --- | 4.50 | 3.00 | 2.60 | 10.10 | 3 | TRAY |

| | | | | | |
|---|---|---|---|--|----------------------|
| SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CURRENT REV DESC: REMASTERED IN NX | | molex |
| | DIMENSION UNITS: mm SCALE: NTS GENERAL TOLERANCES (UNLESS SPECIFIED) | EC NO: 614469 DRWN: VNANDAM 2019/04/04 CHK'D: GJEEVANSURES 2019/04/10 APPR: ISHWARG 2019/04/15 | PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-87761-052 DOC TYPE: PSD DOC PART: 001 REVISION: D | | |
| 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.2 1 PLACE ± 0 PLACES ± ANGULAR TOL ± 3.0° | MM INCH ± ± ± 0.2 ± ± ± ± ± ± 3.0° | INITIAL REVISION: DRWN: KCHO 2005/02/23 APPR: MLONG 2009/12/02 | | MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET | SHEET NUMBER: 2 OF 3 |

| | | | | |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2019/04/15 | 06:29:57 |
|-----------------|----|--------------|------------|----------|

| PART NUMBERS | CKT SIZE | VOID POSITION | KINK POSITION | DIMENSION | | | | PLATING OPTION | PACKAGING TYPE |
|--------------|----------|---------------|---------------|------------|----------------|-------------|-------|----------------|----------------|
| | | | | MATING END | STACKER HEIGHT | SOLDER TAIL | (F) | | |
| | | | | M | H | (P) | | | |
| 87761-0023 | 40 | --- | --- | 9.00 | 16.00 | 4.22 | 29.22 | 4 | TRAY |
| 87761-0028 | 10 | --- | --- | 4.00 | 7.50 | 4.00 | 15.50 | 5 | |
| 87761-2800 | 28 | --- | --- | 4.01 | 6.99 | 2.59 | 13.59 | 5 | TUBE |
| 87761-1201 | 12 | --- | --- | 7.00 | 15.22 | 2.60 | 24.82 | 4 | |
| 87761-0810 | 08 | --- | --- | 5.40 | 6.30 | 2.60 | 14.30 | 4 | |
| 87761-5010 | 50 | --- | --- | 5.40 | 6.30 | 2.60 | 14.30 | 4 | |
| 87761-4408 | 44 | --- | --- | 4.20 | 12.50 | 2.60 | 19.30 | 4 | |
| 87761-4409 | 44 | --- | --- | 4.20 | 17.50 | 2.60 | 24.30 | 4 | TRAY |
| 87761-7000 | 30 | --- | --- | 5.50 | 18.00 | 4.00 | 27.50 | 6 | |
| 87761-7001 | 26 | --- | --- | 6.00 | 3.00 | 3.00 | 12.00 | 3 | |
| 87761-7002 | 04 | --- | --- | 6.00 | 3.00 | 3.00 | 12.00 | 3 | |
| 87761-7003 | 26 | --- | --- | 6.00 | 3.00 | 2.50 | 11.50 | 3 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|---|--|----------|----------|---|------------------------------------|--|---------|---|-----------------|----------------|-----------------|------------|---------------------|------------|---------------|------------|-----|---|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | |
| SYMBOLS | DIMENSION UNITS | | SCALE | | CURRENT REV DESC: REMASTERED IN NX | | | <div style="text-align: center; font-size: 24px; font-weight: bold;">molex</div> | | | | | | | | | | |
| | mm | NTS | | | | | | | | | | | | | | | | |
| ▽ = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | <div style="text-align: center;">2MM DUAL ROW DUAL WAFER HEADER, VERTICAL T/H</div> | | | | | | | | | | |
| ▽ = 0 | MM | INCH | | | | | | | | | | | | | | | | |
| ▽ = 0 | 4 PLACES | ± | ± | | EC NO: 614469 | | | <table border="1"> <tr> <td>DRWN: VNANDAM</td> <td>2019/04/04</td> </tr> <tr> <td>CHK'D: GJEEVANSURES</td> <td>2019/04/10</td> </tr> <tr> <td>APPR: ISHWARG</td> <td>2019/04/15</td> </tr> </table> | | | DRWN: VNANDAM | 2019/04/04 | CHK'D: GJEEVANSURES | 2019/04/10 | APPR: ISHWARG | 2019/04/15 | | |
| DRWN: VNANDAM | 2019/04/04 | | | | | | | | | | | | | | | | | |
| CHK'D: GJEEVANSURES | 2019/04/10 | | | | | | | | | | | | | | | | | |
| APPR: ISHWARG | 2019/04/15 | | | | | | | | | | | | | | | | | |
| ▽ = 0 | 3 PLACES | ± | ± | | | | | | | | | | | | | | | |
| ▽ = 0 | 2 PLACES | ± | 0.2 | ± | | | | PRODUCT CUSTOMER DRAWING | | | | | | | | | | |
| ▽ = 0 | 1 PLACE | ± | ± | | INITIAL REVISION: | | | <table border="1"> <tr> <td>DOCUMENT NUMBER</td> <td>DOC TYPE</td> <td>DOC PART</td> <td>REVISION</td> </tr> <tr> <td>SD-87761-052</td> <td>PSD</td> <td>001</td> <td>D</td> </tr> </table> | | | DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION | SD-87761-052 | PSD | 001 | D |
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION | | | | | | | | | | | | | | | |
| SD-87761-052 | PSD | 001 | D | | | | | | | | | | | | | | | |
| ☒ = 0 | 0 PLACES | ± | ± | | DRWN: KCHO | | | | | | | | | | | | | |
| ☒ = 0 | ANGULAR TOL | | ± 3.0° | | APPR: MLONG | | | | | | | | | | | | | |
| ■ = 0 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER | | | | | | | |
| ▽ = 0 | | | | | | | A3-SIZE | 87761 | SEE TABLE | GENERAL MARKET | 3 OF 3 | | | | | | | |