

NOTES:

1. MATERIAL:
HSG: NYLON, GLASS-FILLED, UL94V-0 COLOR: BLACK
PIN: 0.50MM SQ, COPPER ALLOY
2. PLATING FINISH:
 - (1) 0.38µm MIN. GOLD OVER
1.25µm MIN. NICKEL OVERALL.
 - (2) GOLD FLASH ON CONTACT AND
2.50µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - (3) 0.38µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - (4) 0.75µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - (5) 2.50µm MIN. TIN OVERALL
1.25µm min. NICKEL OVERALL
 - (6) 0.38µm MIN. GOLD PLATE ON CONTACT AND
0.05µm MIN. GOLD ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - (7) 0.75µm MIN. GOLD PLATE ON CONTACT AND
0.05µm MIN. GOLD ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
3. PIN PUSHOUT FORCE: 0.85KgF MIN IN EITHER DIRECTION.
4. THE ABOVE 16CKTS SHOWN IS FOR ILLUSTRATION ONLY.
5. FOR PACKING OPTION PLEASE REFER TO THE TABLE.
6. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
7. PRODUCT SPEC PS-87761-001 APPLIES.
8. RECOMMENDED PCB THICKNESS 1.60MM.
9. WAFER TO BE FLAT WITHIN 0.003 mm/mm
10. PACKAGING SPECIFICATION:
TRAY: PK-89990-487
BULK: PK-89990-490
TUBE: PK-89990-475
11. WHEN WAFER ARE STACK TOGETHER, DIMENSION 'H' SHOULD BE TAKEN AS REFERENCE.

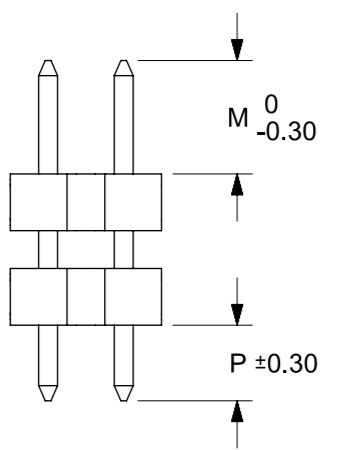
PRE-RELEASE
REFERENCE
USE ONLY

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|---------|---|------|---|----------------------------|--|
| SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CURRENT REV DESC: | | molex |
| | GENERAL TOLERANCES (UNLESS SPECIFIED) | | EC NO: DRWN: ABABUPS 2020/04/14 CHK'D: APPR: | | |
| ▽ = 0 | mm | NTS | | | PRODUCT CUSTOMER DRAWING |
| ▽ = 0 | | | | | |
| ▽ = 0 | 4 PLACES ± | MM | INCH | | DOCUMENT NUMBER SD-87761-052 |
| ▽ = 0 | 3 PLACES ± | | | | |
| ▽ = 0 | 2 PLACES ± | 0.2 | | | DOC PART 001 |
| ▽ = 0 | 1 PLACE ± | | | | REVISION D1 |
| ▽ = 0 | 0 PLACES ± | | | | |
| ▽ = 0 | ANGULAR TOL ± | 3.0° | | | |
| ▽ = 0 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING A3-SIZE | SERIES 87761 |
| ▽ = 0 | | | MATERIAL NUMBER SEE TABLE | CUSTOMER GENERAL MARKET | SHEET NUMBER 1 OF 3 |

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

| 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 | TRAY |
| 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 | |
| 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 | --- | --- | --- | 13.20 | 6.00 | TBD | 19.20 | 3 | |
| 87761-5020 | --- | --- | --- | 13.20 | 6.00 | TBD | 19.20 | 3 | |
| 87761-0010 | 10 | --- | --- | 4.50 | 3.00 | 2.60 | 10.10 | 3 | |

2020 RELEASE
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|--|---|------------------------|-------------------|--|--------------|
| SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CURRENT REV DESC: | | molex |
| | mm | NTS | EC NO: 2020/04/14 | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | DRWN: ABABUPS | | 2MM DUAL ROW DUAL WAFER HEADER, VERTICAL T/H | |
| 4 PLACES ± | | CHK'D: | | PRODUCT CUSTOMER DRAWING | |
| 3 PLACES ± | | APPR: | | DOCUMENT NUMBER | |
| 2 PLACES ± 0.2 | | INITIAL REVISION: | | DOC TYPE | |
| 1 PLACE ± | | DRWN: KCHO | | DOC PART | |
| 0 PLACES ± | | APPR: MLONG | | REVISION | |
| ANGULAR TOL ± 3.0° | | 2005/02/23 | | SD-87761-052 | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | PSD | |
| | | DRAWING | | 001 | |
| | | SERIES | | D1 | |
| | | MATERIAL NUMBER | | SHEET NUMBER | |
| | | A3-SIZE | | 2 OF 3 | |
| | | 87761 | | SEE TABLE | |
| | | GENERAL MARKET | | | |

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

Main data table with columns: PART NUMBERS, CKT SIZE, VOID POSITION, KINK POSITION, DIMENSION (MATING END, STACKER HEIGHT, SOLDER TAIL, (F)), PLATING OPTION, PACKAGING TYPE. Contains rows for part numbers 87761-0023 through 87761-7003 with various dimensions and packaging types (TRAY, TUBE).

PRE-RELEASE REFERENCE USE ONLY

Header and title block table containing: SYMBOLS, DIMENSION UNITS, SCALE, CURRENT REV DESC, EC NO., DRWN: ABABUPS, APPR: MLONG, INITIAL REVISION, DOCUMENT NUMBER, SD-87761-052, PRODUCT CUSTOMER DRAWING, MATERIAL NUMBER, SEE TABLE, CUSTOMER, GENERAL MARKET, SHEET NUMBER, 3 OF 3.