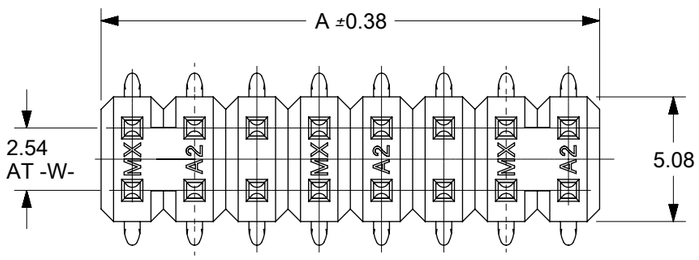
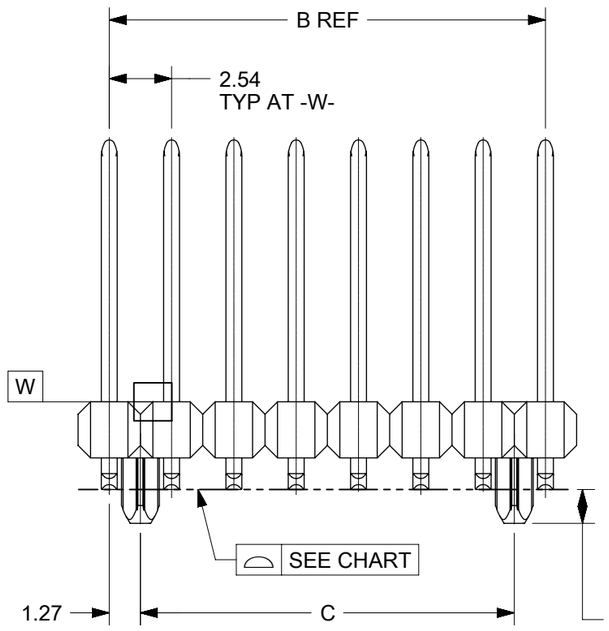
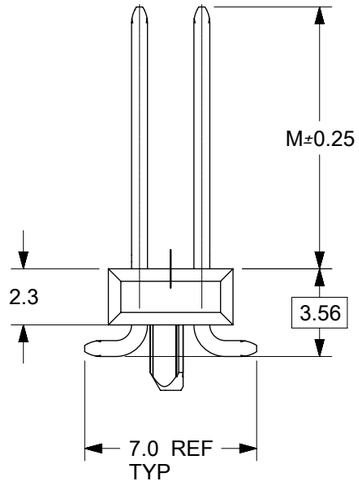
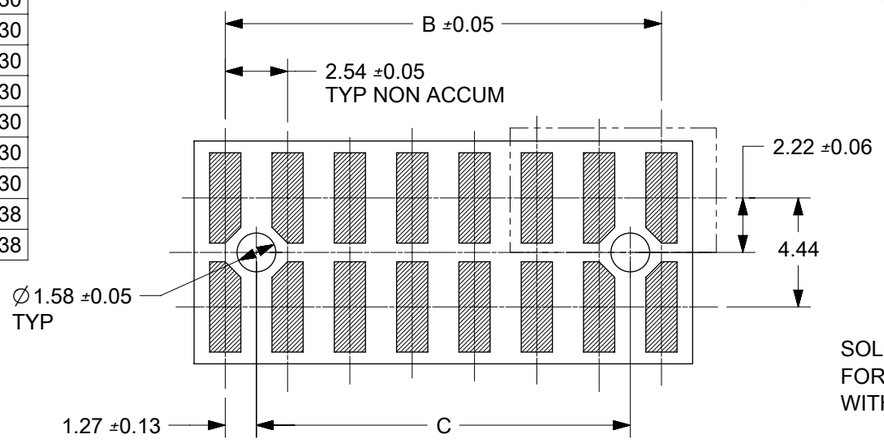
| CKTS | DIM A | DIM B | DIM C | ⌓ |
|---|---|---|---|---|
| 4 | 5.08 | 2.54 | NA | 0.10 |
| 6 | 7.62 | 5.08 | 2.54 | 0.10 |
| 8 | 10.16 | 7.62 | 5.08 | 0.10 |
| 10 | 12.70 | 10.16 | 7.62 | 0.10 |
| 12 | 15.24 | 12.70 | 10.16 | 0.10 |
| 14 | 17.78 | 15.24 | 12.70 | 0.10 |
| 16 | 20.32 | 17.78 | 15.24 | 0.10 |
| 18 | 22.86 | 20.32 | 17.78 | 0.10 |
| 20 | 25.40 | 22.86 | 20.32 | 0.10 |
| 22 | 27.94 | 25.40 | 22.86 | 0.15 |
| 24 | 30.48 | 27.94 | 25.40 | 0.15 |
| 26 | 33.02 | 30.48 | 27.94 | 0.15 |
| 28 | 35.56 | 33.02 | 30.48 | 0.15 |
| 30 | 38.10 | 35.56 | 33.02 | 0.15 |
| 32 | 40.64 | 38.10 | 35.56 | 0.15 |
| 34 | 43.18 | 40.64 | 38.10 | 0.15 |
| 36 | 45.72 | 43.18 | 40.64 | 0.15 |
| 38 | 48.26 | 45.72 | 43.18 | 0.15 |
| 40 | 50.80 | 48.26 | 45.72 | 0.15 |
| 42 | 53.34 | 50.80 | 48.26 | 0.23 |
| 44 | 55.88 | 53.34 | 50.80 | 0.23 |
| 46 | 58.42 | 55.88 | 53.34 | 0.23 |
| 48 | 60.96 | 58.42 | 55.88 | 0.23 |
| 50 | 63.50 | 60.96 | 58.42 | 0.23 |
| 52 | 66.04 | 63.50 | 60.96 | 0.23 |
| 54 | 68.58 | 66.04 | 63.50 | 0.23 |
| 56 | 71.12 | 68.58 | 66.04 | 0.23 |
| 58 | 73.66 | 71.12 | 68.58 | 0.23 |
| 60 | 76.20 | 73.66 | 71.12 | 0.23 |
| 62 | 78.74 | 76.20 | 73.66 | 0.30 |
| 64 | 81.28 | 78.74 | 76.20 | 0.30 |
| 66 | 83.82 | 81.28 | 78.74 | 0.30 |
| 68 | 86.36 | 83.82 | 81.28 | 0.30 |
| 70 | 88.90 | 86.36 | 83.82 | 0.30 |
| 72 | 91.44 | 88.90 | 86.36 | 0.30 |
| 74 | 93.98 | 91.44 | 88.90 | 0.30 |
| 76 | 96.52 | 93.98 | 91.44 | 0.30 |
| 78 | 99.06 | 96.52 | 93.98 | 0.30 |
| 80 | 101.60 | 99.06 | 96.52 | 0.30 |
| 90 | 114.30 | 111.76 | 109.22 | 0.38 |
| 100 | 127.00 | 124.46 | 122.06 | 0.38 |

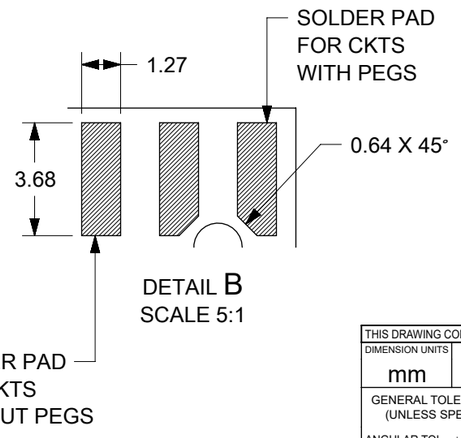


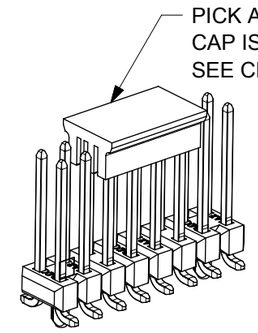




PCB LAYOUT: COMPONENT SIDE
( FOR CKT 04,06 AND 08 REFER SHEET 2)




NOTES:
1. HOUSING MATERIAL: LCP, UL 94V-0 COLOR: BLACK
   PIN MATERIAL: COPPER ALLOY
2. FINISH:
   - 124 = BRIGHT TIN: 3.81 MICROMETERS MIN OVER MATTE NICKEL
   - 207 = SELECT GOLD: 0.38 MICROMETERS MIN IN CONTACT AREA
     SELECT BRIGHT TIN: 2.0 MICROMETERS MIN IN SMT TAIL
     BOTH OVER NICKEL.
   - 206 = SELECT GOLD: 0.75 MICROMETERS MIN IN CONTACT AREA
     SELECT BRIGHT TIN: 2.0 MICROMETERS MIN IN SMT TAIL
     BOTH OVER NICKEL.
   - 197 = REFLOW MATTE TIN: 1.52 MICROMETERS MIN OVER MATTE NICKEL
   - 222 = MATTE TIN: 2.54 MICROMETERS MIN OVER MATTE NICKEL
   - 118 = BRIGHT TIN: 1.52 MICROMETERS MIN OVER NICKEL
3. PRODUCT SPECIFICATION: PS-71308
4. PACKAGING SPECIFICATION: SEE CHART
5. COSMETIC SPECIFICATION: PS-45499-002 CLASS B
6. SOLDERABILITY SPECIFICATION: SMES-152




| DRAWING SHEET INDEX | | |
|---|---|---|
| SHEET NO | PEG STYLE | DIM M MATIN HEIGH |
| 2 | NONE | 6.10 |
| 3 | NONE | 6.10 |
| 4 | NONE | 8.13 |
| 5 | LONG | 6.10 |
| 6 | LONG | 8.13 |
| 7 | SHORT | 6.10 |
| 8 | SHORT | 8.13 |
| 9 | PARTS WITH VOIDS | |

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

| | |
|---|---|
| DIMENSION UNITS | mm |
| SCALE | 3:1 |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | |
| ANGULAR TOL ± ° | |
| 4 PLACES ± | |
| 3 PLACES ± | |
| 2 PLACES ± | 0.13 |
| 1 PLACE ± | 0.25 |
| 0 PLACES ± | 0.0 |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | |

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516701

EC NO: 828172
DRWN: RAGHAH3 2025/07/15
CHK'D: GGA 2025/07/24
APPR: GGA 2025/07/24

INITIAL REVISION:
DRWN: KSAMIEC 2017/09/07
APPR: FSMITH 2018/07/03

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 71308

molex

CGRID HEADER ASSY VERTICAL DUAL ROW SMT

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 713080000-SD | PSD | 000 | A11 |

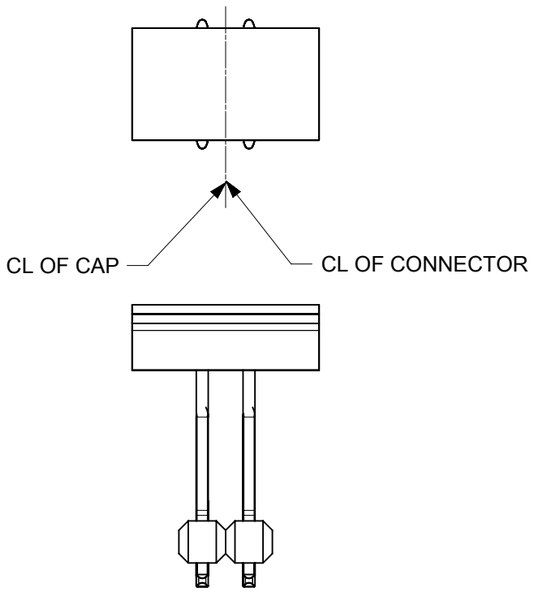
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | | 1 OF 10 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/07/24 04:50:49 |
|---|---|---|---|

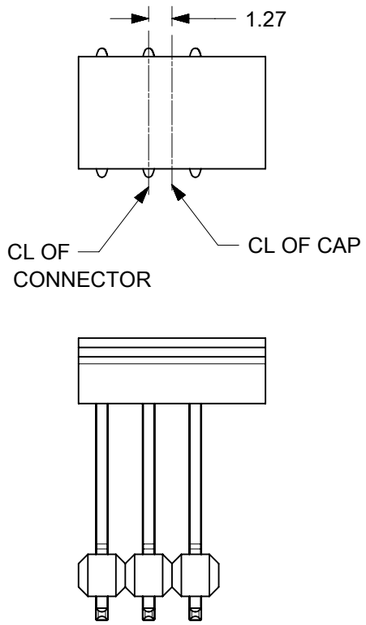
FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

## PICK AND PLACE CAP POSITION TO CONNECTOR

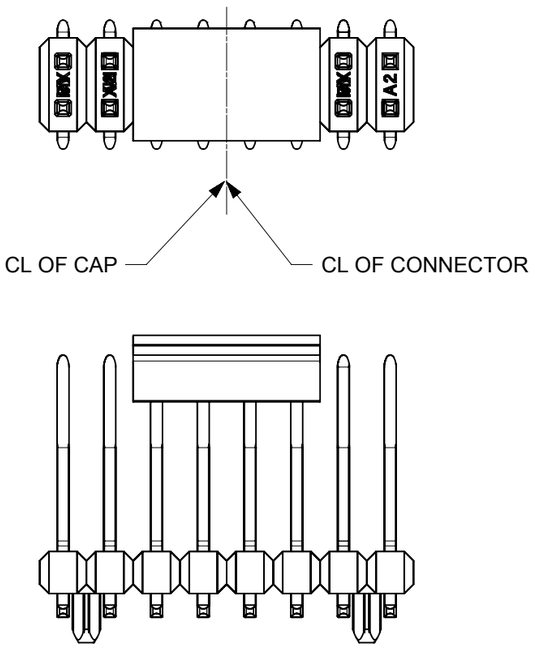
FOR CKT 04 and 08



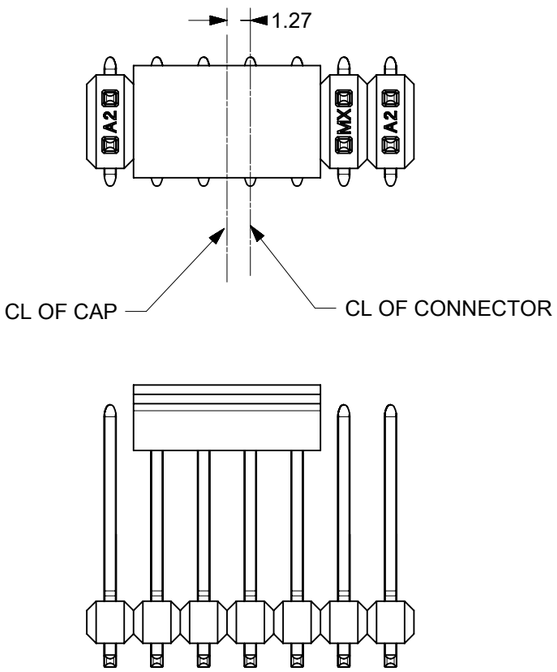

FOR CKT 06



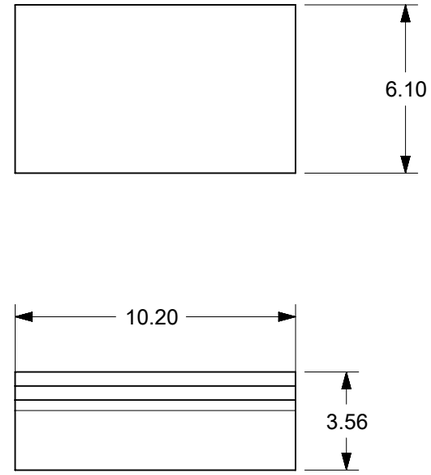

FOR CKT 12,16,20,24,28,32,36,40,44,48,52,56,60
64,68,72,76,80,84,88,92,96 and 100



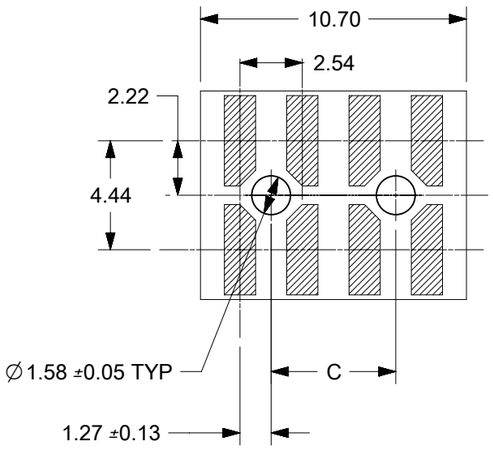

FOR CKT 10,14,18,22,26,30,34,38,42,46,50,54,58
62,66,70,74,78,82,86,90,94 and 98




## PICK AND PLACE CAP DIMENSIONS




KEEP OUT ZONE FOR CKT 04, 06 and 08
AS CAP DIM IS LARGER THAN PART DIM




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

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 5:1 |

| GENERAL TOLERANCES (UNLESS SPECIFIED) | | |
|---|---|---|
| ANGULAR TOL | ± | ° |
| 4 PLACES | ± | |
| 3 PLACES | ± | |
| 2 PLACES | ± | 0.13 |
| 1 PLACE | ± | 0.25 |
| 0 PLACES | ± | 0.0 |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516701

EC NO: 828172
DRWN: RAGHAH3 2025/07/15
CHK'D: GGA 2025/07/24
APPR: GGA 2025/07/24

INITIAL REVISION:
DRWN: KSAMIEC 2017/09/07
APPR: FSMITH 2018/07/03

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 71308

molex

CGRID HEADER ASSY VERTICAL DUAL ROW SMT

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 713080000-SD | PSD | 000 | A11 |

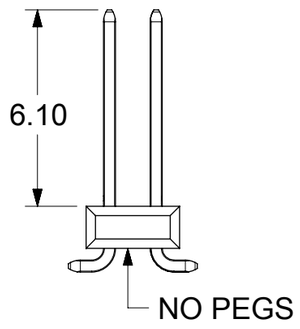
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | | 2 OF 10 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/07/24 04:50:49 |
|---|---|---|---|

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

| PLATING: | 124 - BRIGHT TIN | 124 - BRIGHT TIN | 124 - BRIGHT TIN | 207 - 0.38 SGOLD | 207 - 0.38 SGOLD | 207 - 0.38 SGOLD | 206 - 0.76 SGOLD | 206 - 0.76 SGOLD | 206 - 0.76 SGOLD |
|---|---|---|---|---|---|---|---|---|---|
| PACKAGING: | TUBE 713080001-PK | TUBE 713080002-PK | T&R 713080000-PK STYLE A | TUBE 713080001-PK | TUBE 713080002-PK | T&R 713080000-PK STYLE A | TUBE 713080001-PK | TUBE 713080002-PK | T&R 713080000-PK STYLE A |
| PICK AND PLACE CAPS | NO | YES | YES | NO | YES | YES | NO | YES | YES |
| CKTS: | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO |
| 4 | 015-91-2040 | NA | 015-91-6040 | 015-91-0040 | NA | 015-91-6042 | 015-91-3040 | NA | |
| 6 | 015-91-2060 / 71308-9060 | NA | 015-91-6060 | 015-91-0060 | NA | 015-91-6062 | 015-91-3060 / 71308-9061 | NA | 015-91-6063 |
| 8 | 015-91-2080 / 71308-9080 | 015-91-3087 | 015-91-6080 | 015-91-0080 | | 015-91-6082 | 015-91-3080 | | 015-91-6083 |
| 10 | 015-91-2100 | 015-91-3107 | 015-91-6100 | 015-91-0100 | | 015-91-6102 | 015-91-3100 / 71308-3110 | 015-91-3108 | 015-91-6103 |
| 12 | 015-91-2120 | | 015-91-6120 | 015-91-0120 | | 015-91-6122 | 015-91-3120 | 015-91-3128 | 015-91-6123 |
| 14 | 015-91-2140 | | 015-91-6140 | 015-91-0140 / 71308-9140 | | 015-91-6142 | 015-91-3140 | | 015-91-6143 |
| 16 | 015-91-2160 | | 015-91-6160 | 015-91-0160 | | 015-91-6162 | 015-91-3160 | 015-91-3168 | 015-91-6163 |
| 18 | 015-91-2180 | 015-91-3187 | | 015-91-0180 | | | 015-91-3180 | 015-91-3188 | |
| 20 | 015-91-2200 | 015-91-3207 | 015-91-6200 | 015-91-0200 / 71308-9200 | | 015-91-6202 | 015-91-3200 | | 015-91-6203 |
| 22 | 015-91-2220 | 015-91-3227 | | 015-91-0220 | 015-91-3226 | | 015-91-3220 | 015-91-3228 | |
| 24 | 015-91-2240 | | 71308-2240 | 015-91-0240 | 015-91-3246 | | 015-91-3240 | 015-91-3248 | |
| 26 | 015-91-2260 | | | 015-91-0260 | | 015-91-6262 | 015-91-3260 | | |
| 28 | 015-91-2280 | 015-91-3287 | | 015-91-0280 | 015-91-3286 | | 015-91-3280 | 015-91-3288 | |
| 30 | 015-91-2300 | 015-91-3307 | | 015-91-0300 | | | 015-91-3300 | 015-91-3308 | |
| 32 | 015-91-2320 | | | 015-91-0320 | 015-91-3326 | | 015-91-3320 | 015-91-3328 | |
| 34 | 015-91-2340 | | | 015-91-0340 | | | 015-91-3340 | 015-91-3348 | |
| 36 | 015-91-2360 | 015-91-3367 | | 015-91-0360 | 015-91-3366 | | 015-91-3360 | 015-91-3368 | |
| 38 | 015-91-2380 | 015-91-3387 | | 015-91-0380 | 015-91-3386 | | 015-91-3380 | 015-91-3388 | |
| 40 | 015-91-2400 | 015-91-3407 | | 015-91-0400 | | | 015-91-3400 | 015-91-3408 | |
| 42 | 015-91-2420 | 015-91-3427 | | 015-91-0420 | 015-91-3426 | | 015-91-3420 | 015-91-3428 | |
| 44 | 015-91-2440 | 015-91-3447 | | 015-91-0440 | 015-91-3446 | | 015-91-3440 | 015-91-3448 | |
| 46 | 015-91-2460 | 015-91-3467 | | 015-91-0460 | 71308-0546 | | 015-91-3460 | 015-91-3468 | |
| 48 | 015-91-2480 | 015-91-3487 | | 015-91-0480 | 015-91-3486 | | | | |
| 50 | 015-91-2500 | 015-91-3507 | | 015-91-0500 | | | 015-91-3500 | 015-91-3508 | |
| 52 | 015-91-2520 | 015-91-3527 | | 015-91-0520 | 015-91-3526 | | 015-91-3520 | 015-91-3528 | |
| 54 | 015-91-2540 | 015-91-3547 | | 015-91-0540 | 015-91-3546 | | 015-91-3540 | 015-91-3548 | |
| 56 | 015-91-2560 | 015-91-3567 | | 015-91-0560 | 015-91-3566 | | 015-91-3560 | 015-91-3568 | |
| 58 | 015-91-2580 | 015-91-3587 | | 015-91-0580 | 015-91-3586 | | 015-91-3580 | 015-91-3588 | |
| 60 | 015-91-2600 | 015-91-3607 | | 015-91-0600 | 015-91-3606 | | 015-91-3600 | 015-91-3608 | |
| 62 | 015-91-2620 | 015-91-3627 | | 015-91-0620 | 015-91-3626 | | | | |
| 64 | 015-91-2640 | 015-91-3647 | | 015-91-0640 | 015-91-3646 | | 015-91-3640 | 015-91-3648 | |
| 66 | 015-91-2660 | 015-91-3667 | | 015-91-0660 | 015-91-3666 | | 015-91-3660 | 015-91-3668 | |
| 68 | 015-91-2680 | 015-91-3687 | | 015-91-0680 | 015-91-3686 | | 015-91-3680 | 015-91-3688 | |
| 70 | 015-91-2700 | 015-91-3707 | | 015-91-0700 | 015-91-3706 | | 015-91-3700 | 015-91-3708 | |
| 72 | 015-91-2720 | 015-91-3727 | | 015-91-0720 | 015-91-3726 | | 015-91-3720 | 015-91-3728 | |
| 74 | 015-91-2740 | 015-91-3747 | | 015-91-0740 | 015-91-3746 | | 015-91-3740 | 015-91-3748 | |
| 76 | 015-91-2760 | 015-91-3767 | | 015-91-0760 | 015-91-3766 | | 015-91-3760 | 015-91-3768 | |
| 78 | 015-91-2780 | 015-91-3787 | | 015-91-0780 | 015-91-3786 | | 015-91-3780 | 015-91-3788 | |
| 80 | 015-91-2800 | 015-91-3807 | | 015-91-0800 | 015-91-3806 | | 015-91-3800 | | |
| 90 | | | | 71308-0190 | | | | | |
| 100 | 71308-0101 | 71308-0500 | | 71308-0200 | 71308-0600 | | 71308-0300 | 71308-0700 | |

PARTS ON THIS SHEET ARE
WITHOUT PEGS
WITH 6.10 MATING LENGTH




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

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 1:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | |
|---|---|---|
| ANGULAR TOL | ± | ° |
| 4 PLACES | ± | |
| 3 PLACES | ± | |
| 2 PLACES | ± | 0.13 |
| 1 PLACE | ± | 0.25 |
| 0 PLACES | ± | 0.0 |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516701

EC NO: 828172
DRWN: RAGHAH3 2025/07/15
CHK'D: GGA 2025/07/24
APPR: GGA 2025/07/24

INITIAL REVISION:
DRWN: KSAMIEC 2017/09/07
APPR: FSMITH 2018/07/03

molex

CGRID HEADER ASSY VERTICAL DUAL ROW SMT

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 713080000-SD | PSD | 000 | A11 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 71308 | SEE TABLE | | 3 OF 10 |

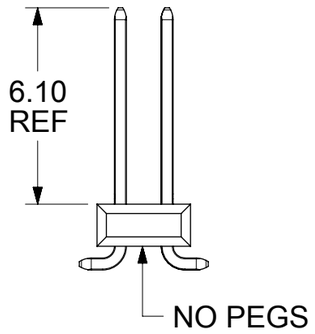
| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/07/24 04:50:49 |
|---|---|---|---|

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

| PLATING: | 197 - REFLOW TIN | 207 - 0.38 SGOLD | 118 - BRIGHT TIN | 118 - BRIGHT TIN | 118 - BRIGHT TIN | 197 - REFLOW TIN | 197 - REFLOW TIN | | |
|---|---|---|---|---|---|---|---|---|---|
| PACKAGING: | TUBE 713080001-PK | T&R 713080000-PK | TUBE 713080001-PK | T&R 713080000-PK STYLE A | TUBE 713080002-PK | T&R 713080000-PK STYLE A | T&R 713080000-PK STYLE A | | |
| PICK AND PLACE CAPS | NO | YES | NO | YES | YES | YES | YES | | |
| CKTS: | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO |
| 4 | 71308-2104 | | 71308-5404 | | NA | | | | |
| 6 | 71308-2106 | | 71308-5406 | | NA | | | | |
| 8 | 71308-2108 | | 71308-5408 | | | | | | |
| 10 | 71308-2110 | 71308-3111 (A7) | 71308-5410 | | | | 71308-1810 | | |
| 12 | 71308-2112 | | 71308-5412 | 71308-5512 | | | | | |
| 14 | 71308-2114 | | 71308-5414 | | | | | | |
| 16 | 71308-2116 | | 71308-5416 | 71308-5516 | | 71308-1561 | | | |
| 18 | 71308-2118 | | 71308-5418 | | | | | | |
| 20 | 71308-2120 | | 71308-5420 | | | | | | |
| 22 | 71308-2122 | | 71308-5422 | | | | | | |
| 24 | 71308-2124 | | 71308-5424 | | | | | | |
| 26 | 71308-2126 | | 71308-5426 | | | | | | |
| 28 | 71308-2128 | | 71308-5428 | | | | | | |
| 30 | 71308-2130 | | 71308-5430 | | | | | | |
| 32 | 71308-2132 | | 71308-5432 | | | | | | |
| 34 | 71308-2134 | | 71308-5434 | | | | | | |
| 36 | 71308-2136 | | 71308-5436 | | | | | | |
| 38 | 71308-2138 | | 71308-5438 | | | | | | |
| 40 | 71308-2140 | | 71308-5440 | | | | | | |
| 42 | 71308-2142 | | 71308-5442 | | | | | | |
| 44 | 71308-2144 | | 71308-5444 | | | | | | |
| 46 | 71308-2146 | | 71308-5446 | | | | | | |
| 48 | 71308-2148 | | 71308-5448 | | | | | | |
| 50 | 71308-2150 | | 71308-5450 | | | | | | |
| 52 | 71308-2152 | | 71308-5452 | | | | | | |
| 54 | 71308-2154 | | 71308-5454 | | | | | | |
| 56 | 71308-2156 | | 71308-5456 | | | | | | |
| 58 | 71308-2158 | | 71308-5458 | | | | | | |
| 60 | 71308-2160 | | 71308-5460 | | | | | | |
| 62 | 71308-2162 | | 71308-5462 | | | | | | |
| 64 | 71308-2164 | | 71308-5464 | | | | | | |
| 66 | 71308-2166 | | 71308-5466 | | | | | | |
| 68 | 71308-2168 | | 71308-5468 | | | | | | |
| 70 | 71308-2170 | | 71308-5470 | | | | | | |
| 72 | 71308-2172 | | 71308-5472 | | | | | | |
| 74 | 71308-2174 | | 71308-5474 | | | | | | |
| 76 | 71308-2176 | | 71308-5476 | | | | | | |
| 78 | 71308-2178 | | 71308-5478 | | | | | | |
| 80 | 71308-2180 | | 71308-5480 | | | | | | |
| 100 | | | 71308-5500 | | | | | | |

PARTS ON THIS SHEET ARE
WITHOUT PEGS
WITH 6.10 MATING LENGTH

CONTINUED FROM SHEET 2




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

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 1:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | |
|---|---|---|
| ANGULAR TOL | ± | ° |
| 4 PLACES | ± | |
| 3 PLACES | ± | |
| 2 PLACES | ± | 0.13 |
| 1 PLACE | ± | 0.25 |
| 0 PLACES | ± | 0.0 |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516701

EC NO: 828172
DRWN: RAGHAH3 2025/07/15
CHK'D: GGA 2025/07/24
APPR: GGA 2025/07/24

INITIAL REVISION:
DRWN: KSAMIEC 2017/09/07
APPR: FSMITH 2018/07/03

molex

CGRID HEADER ASSY VERTICAL DUAL ROW SMT

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 713080000-SD | PSD | 000 | A11 |

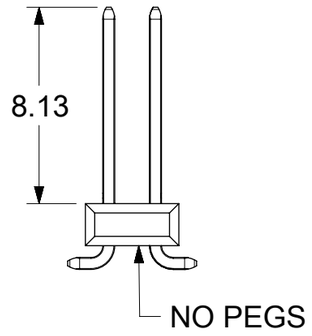
| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 71308 | SEE TABLE | | 4 OF 10 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/07/24 04:50:49 |
|---|---|---|---|

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

| PLATING: | 124 - BRIGHT TIN | 124 - BRIGHT TIN | 197 - REFLOW TIN | 197 - REFLOW TIN | 207 - 0.38 SGOLD | 207 - 0.38 SGOLD | 206 - 0.76 SGOLD | 118 - BRIGHT TIN | 118 - BRIGHT TIN | |
|---|---|---|---|---|---|---|---|---|---|---|
| PACKAGING: | TUBE 713080003-PK | T&R 713080000-PK STYLE B | TUBE 713080003-PK | T&R 713080000-PK STYLE B | TUBE 713080003-PK | T&R 713080000-PK STYLE B | TUBE 713080003-PK | T&R 713080000-PK STYLE B | TUBE 713080003-PK | |
| PICK AND PLACE CAPS | NO | YES | NO | YES | NO | YES | NO | YES | NO | |
| CKTS: | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO |
| 4 | 71308-8004 | | | | 015-91-0048 | | 015-91-5049 | | | |
| 6 | 71308-8006 | | | | 015-91-0068 | | 015-91-5069 | | | |
| 8 | 71308-8008 | | | | 015-91-0088 | 71308-6908 | 015-91-5089 | | | |
| 10 | 71308-8010 | | | | 015-91-0108 | | 015-91-5109 | | 71308-5810 | |
| 12 | 71308-8012 | | | | 015-91-0128 | | | | | |
| 14 | 71308-8014 | | | | 015-91-0148 | | | | | |
| 16 | 71308-8016 | | 71308-8017 | 71308-0015 | 015-91-0168 | | 015-91-5169 | | 71308-5816 | |
| 18 | 71308-8018 | | | | 015-91-0188 | | 015-91-5189 | | | |
| 20 | 71308-8020 | | | | 015-91-0208 | | 015-91-5209 | | | |
| 22 | 71308-8022 | | | | 015-91-0228 | | 015-91-5229 | | | |
| 24 | 71308-8024 | 71308-8124 | | | 015-91-0248 | | 015-91-5249 | 71308-5724 | 71308-5824 | |
| 26 | 71308-8026 | | | | 015-91-0268 | | 015-91-5269 | | | |
| 28 | 71308-8028 | | | | 015-91-0288 | | 015-91-5289 | | | |
| 30 | 71308-8030 | | | | 015-91-0308 | | 015-91-5309 | | | |
| 32 | 71308-8032 | | | | | | | | | |
| 34 | 71308-8034 | | | | 015-91-0348 | | 015-91-5349 | | | |
| 36 | 71308-8036 | | | | 015-91-0368 | | 015-91-5369 | | | |
| 38 | 71308-8038 | | | | 015-91-0388 | | 015-91-5389 | | | |
| 40 | 71308-8040 | | | | 015-91-0408 | | 015-91-5409 | | | |
| 42 | 71308-8042 | | | | 015-91-0428 | | 015-91-5429 | | | |
| 44 | 71308-8044 | | | | 015-91-0448 | | 015-91-5449 | | | |
| 46 | 71308-8046 | | | | 015-91-0468 | | 015-91-5469 | | | |
| 48 | 71308-8048 | | | | 015-91-0488 | | 015-91-5489 | | | |
| 50 | 71308-8050 | | | | 015-91-0508 | | 015-91-5509 | | | |
| 52 | 71308-8052 | | | | 015-91-0528 | | 015-91-5529 | | | |
| 54 | 71308-8054 | | | | 015-91-0548 | | 015-91-5549 | | | |
| 56 | 71308-8056 | | | | 015-91-0568 | | 015-91-5569 | | | |
| 58 | 71308-8058 | | | | 015-91-0588 | | 015-91-5589 | | | |
| 60 | 71308-8060 | | | | 015-91-0608 | | 015-91-5609 | | | |
| 62 | 71308-8062 | | | | 015-91-0628 | | 015-91-5629 | | | |
| 64 | 71308-8064 | | | | 015-91-0648 | | 015-91-5649 | | | |
| 66 | 71308-8066 | | | | 015-91-0668 | | 015-91-5669 | | | |
| 68 | 71308-8068 | | | | 015-91-0688 | | 015-91-5689 | | | |
| 70 | 71308-8070 | | | | 015-91-0708 | | 015-91-5709 | | | |
| 72 | 71308-8072 | | | | 015-91-0728 | | 015-91-5729 | | | |
| 74 | 71308-8074 | | | | 015-91-0748 | | 015-91-5749 | | | |
| 76 | 71308-8076 | | | | 015-91-0768 | | 015-91-5769 | | | |
| 78 | 71308-8078 | | | | 015-91-0788 | | 015-91-5789 | | | |
| 80 | 71308-8080 | | | | 015-91-0808 | | 015-91-5809 | | | |
| 100 | | | | | 71308-1200 | | 71308-1300 | | | |

PARTS ON THIS SHEET ARE
WITHOUT PEGS
WITH A MATING HEIGHT OF 8.13




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

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 1:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | |
|---|---|---|
| ANGULAR TOL | ± | ° |
| 4 PLACES | ± | |
| 3 PLACES | ± | |
| 2 PLACES | ± | 0.13 |
| 1 PLACE | ± | 0.25 |
| 0 PLACES | ± | 0.0 |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516701

EC NO: 828172
DRWN: RAGHAH3 2025/07/15
CHK'D: GGA 2025/07/24
APPR: GGA 2025/07/24

INITIAL REVISION:
DRWN: KSAMIEC 2017/09/07
APPR: FSMITH 2018/07/03

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 71308

molex

CGRID HEADER ASSY VERTICAL DUAL ROW SMT

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 713080000-SD | PSD | 000 | A11 |

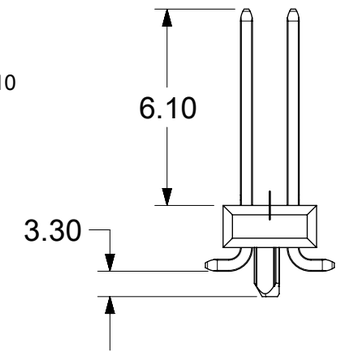
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | | 5 OF 10 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/07/24 04:50:49 |
|---|---|---|---|

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

| PLATING: | 124 - BRIGHT TIN | 207 - 0.38 SGOLD | 206 - 0.76 SGOLD | 124 - BRIGHT TIN | 207 - 0.38 GOLD | 206 - 0.76 GOLD | 118 - BRIGHT TIN | 118 - BRIGHT TIN |
|---|---|---|---|---|---|---|---|---|
| PACKAGING: | TUBE 713080001-PK | TUBE 713080001-PK | TUBE 713080001-PK | T&R 713080000-PK STYLE C | T&R 713080000-PK STYLE C | T&R 713080000-PK STYLE C | TUBE 713080001-PK | T&R 713080000-PK STYLE C |
| PICK AND PLACE CAPS | NO | NO | NO | YES | YES | YES | NO | YES |
| CKTS: | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO |
| 4 | 015-91-1041 | 015-91-1042 | 015-91-1043 | | | 015-91-6046 | 71308-6404 | |
| 6 | 015-91-1061 | 015-91-1062 | 015-91-1063 | 015-91-6064 | | 015-91-6066 | 71308-6406 | |
| 8 | 015-91-1081 | 015-91-1082 | 015-91-1083 | | | | 71308-6408 | |
| 10 | 015-91-1101 | 015-91-1102 / 71308-1102 | 015-91-1103 | | 015-91-6105 | | 71308-6410 | |
| 12 | 015-91-1121 | 015-91-1122 | 015-91-1123 | | | | 71308-6412 | |
| 14 | 015-91-1141 | 015-91-1142 | 015-91-1143 | | 015-91-6145 | | 71308-6414 | 71308-6514 |
| 16 | 015-91-1161 | 015-91-1162 | 015-91-1163 | | | | 71308-6416 | |
| 18 | 015-91-1181 | 015-91-1182 | 015-91-1183 | | | | 71308-6418 | |
| 20 | 015-91-1201 | 015-91-1202 | 015-91-1203 | | | | 71308-6420 | |
| 22 | 015-91-1221 | 015-91-1222 | 015-91-1223 | | | | 71308-6422 | |
| 24 | 015-91-1241 | 015-91-1242 | 015-91-1243 | 71308-6901 | | | 71308-6424 | |
| 26 | 015-91-1261 | 015-91-1262 | 015-91-1263 | | | | 71308-6426 | |
| 28 | 015-91-1281 | 015-91-1282 | 015-91-1283 | | | | 71308-6428 | |
| 30 | 015-91-1301 | 015-91-1302 | 015-91-1303 | | | | 71308-6430 | |
| 32 | 015-91-1321 | 015-91-1322 | 015-91-1323 | | | | 71308-6432 | |
| 34 | 015-91-1341 | 015-91-1342 | 015-91-1343 | | | | 71308-6434 | |
| 36 | 015-91-1361 | 015-91-1362 | 015-91-1363 | | | | 71308-6436 | |
| 38 | 015-91-1381 | 015-91-1382 | 015-91-1383 | | | | 71308-6438 | |
| 40 | 015-91-1401 | 015-91-1402 | 015-91-1403 | | | | 71308-6440 | |
| 42 | 015-91-1421 | 015-91-1422 | 015-91-1423 | | | | 71308-6442 | |
| 44 | 015-91-1441 | 015-91-1442 | 015-91-1443 | | | | 71308-6444 | |
| 46 | 015-91-1461 | 015-91-1462 | 015-91-1463 | | | | 71308-6446 | |
| 48 | 015-91-1481 | 015-91-1482 | 015-91-1483 | | | | 71308-6448 | |
| 50 | 015-91-1501 | 015-91-1502 | 015-91-1503 | | | | 71308-6450 | |
| 52 | 015-91-1521 | 015-91-1522 | 015-91-1523 | | | 71308-5203 | 71308-6452 | |
| 54 | 015-91-1541 | 015-91-1542 | 015-91-1543 | | | | 71308-6454 | |
| 56 | 015-91-1561 | 015-91-1562 | 015-91-1563 | | | | 71308-6456 | |
| 58 | 015-91-1581 | 015-91-1582 | 015-91-1583 | | | | 71308-6458 | |
| 60 | 015-91-1601 | 015-91-1602 | 015-91-1603 | | | | 71308-6460 | |
| 62 | 015-91-1621 | 015-91-1622 | 015-91-1623 | | | | 71308-6462 | |
| 64 | 015-91-1641 | 015-91-1642 | 015-91-1643 | | | | 71308-6464 | |
| 66 | 015-91-1661 | 015-91-1662 | 015-91-1663 | | | | 71308-6466 | |
| 68 | 015-91-1681 | 015-91-1682 | 015-91-1683 | | | | 71308-6468 | |
| 70 | 015-91-1701 | 015-91-1702 | 015-91-1703 | | | | 71308-6470 | |
| 72 | 015-91-1721 | 015-91-1722 | 015-91-1723 | | | | 71308-6472 | |
| 74 | 015-91-1741 | 015-91-1742 | 015-91-1743 | | | | 71308-6474 | |
| 76 | 015-91-1761 | 015-91-1762 | 015-91-1763 | | | | 71308-6476 | |
| 78 | 015-91-1781 | 015-91-1782 | 015-91-1783 | | | | 71308-6478 | |
| 80 | 015-91-1801 | 015-91-1802 | 015-91-1803 | | | | 71308-6480 | |
| 100 | 71308-4100 | 71308-4200 | 71308-4300 | | | | | |

PARTS ON THIS SHEET
HAVE LONG PEGS
WITH A MATING HEIGHT OF 6.10




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

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 1:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | |
|---|---|---|
| ANGULAR TOL | ± | ° |
| 4 PLACES | ± | |
| 3 PLACES | ± | |
| 2 PLACES | ± | 0.13 |
| 1 PLACE | ± | 0.25 |
| 0 PLACES | ± | 0.0 |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516701

EC NO: 828172
DRWN: RAGHAH3 2025/07/15
CHK'D: GGA 2025/07/24
APPR: GGA 2025/07/24

INITIAL REVISION:
DRWN: KSAMIEC 2017/09/07
APPR: FSMITH 2018/07/03

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 71308

molex

CGRID HEADER ASSY VERTICAL DUAL ROW SMT

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 713080000-SD | PSD | 000 | A11 |

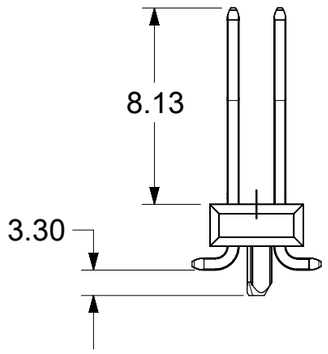
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | | 6 OF 10 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/07/24 04:50:49 |
|---|---|---|---|

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

| PLATING: | 124 - BRIGHT TIN | 207- 0.38 SGOLD | 206- 0.76 SGOLD | 118 - BRIGHT TIN | | | | |
|---|---|---|---|---|---|---|---|---|
| PACKAGING: | TUBE 713080003-PK | TUBE 713080003-PK | TUBE 713080003-PK | TUBE 713080003-PK | | | | |
| PICK AND PLACE CAPS | NO | NO | NO | NO | | | | |
| CKTS: | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO |
| 4 | 015-91-1044 | 015-91-0047 | 015-91-1040 | 71308-6604 | | | | |
| 6 | 015-91-1064 | 015-91-0067 | 015-91-1060 | 71308-6606 | | | | |
| 8 | 015-91-1084 | 015-91-0087 | 015-91-1080 | 71308-6608 | | | | |
| 10 | 015-91-1104 | 015-91-0107 | 015-91-1100 | 71308-6610 | | | | |
| 12 | 015-91-1124 | 015-91-0127 | 015-91-1120 | 71308-6612 | | | | |
| 14 | 015-91-1144 | 015-91-0147 | 015-91-1140 | 71308-6614 | | | | |
| 16 | 015-91-1164 | 015-91-0167 | 015-91-1160 | 71308-6616 | | | | |
| 18 | 015-91-1184 | 015-91-0187 | 015-91-1180 | 71308-6618 | | | | |
| 20 | 015-91-1204 | 015-91-0207 | 015-91-1200 | 71308-6620 | | | | |
| 22 | 015-91-1224 | 015-91-0227 | 015-91-1220 | 71308-6622 | | | | |
| 24 | 015-91-1244 | 015-91-0247 | 015-91-1240 | 71308-6624 | | | | |
| 26 | 015-91-1264 | 015-91-0267 | 015-91-1260 | 71308-6626 | | | | |
| 28 | 015-91-1284 | 015-91-0287 | 015-91-1280 | 71308-6628 | | | | |
| 30 | 015-91-1304 | 015-91-0307 | 015-91-1300 | 71308-6630 | | | | |
| 32 | 015-91-1324 | 015-91-0327 | 015-91-1320 | 71308-6632 | | | | |
| 34 | 015-91-1344 | 015-91-0347 | 015-91-1340 | 71308-6634 | | | | |
| 36 | 015-91-1364 | 015-91-0367 | 015-91-1360 | 71308-6636 | | | | |
| 38 | 015-91-1384 | 015-91-0387 | 015-91-1380 | 71308-6638 | | | | |
| 40 | 015-91-1404 | 015-91-0407 | 015-91-1400 | 71308-6640 | | | | |
| 42 | 015-91-1424 | 015-91-0427 | 015-91-1420 | 71308-6642 | | | | |
| 44 | 015-91-1444 | 015-91-0447 | 015-91-1440 | 71308-6644 | | | | |
| 46 | 015-91-1464 | 015-91-0467 | 015-91-1460 | 71308-6646 | | | | |
| 48 | 015-91-1484 | 015-91-0487 | 015-91-1480 | 71308-6648 | | | | |
| 50 | 015-91-1504 | 015-91-0507 | 015-91-1500 | 71308-6650 | | | | |
| 52 | 015-91-1524 | 015-91-0527 | 015-91-1520 | 71308-6652 | | | | |
| 54 | 015-91-1544 | 015-91-0547 | 015-91-1540 | 71308-6654 | | | | |
| 56 | 015-91-1564 | 015-91-0567 | 015-91-1560 | 71308-6656 | | | | |
| 58 | 015-91-1584 | 015-91-0587 | 015-91-1580 | 71308-6658 | | | | |
| 60 | 015-91-1604 | 015-91-0607 | 015-91-1600 | 71308-6660 | | | | |
| 62 | 015-91-1624 | 015-91-0627 | 015-91-1620 | 71308-6662 | | | | |
| 64 | 015-91-1644 | 015-91-0647 | 015-91-1640 | 71308-6664 | | | | |
| 66 | 015-91-1664 | 015-91-0667 | 015-91-1660 | 71308-6666 | | | | |
| 68 | 015-91-1684 | 015-91-0687 | 015-91-1680 | 71308-6668 | | | | |
| 70 | 015-91-1704 | 015-91-0707 | 015-91-1700 | 71308-6670 | | | | |
| 72 | 015-91-1724 | 015-91-0727 | 015-91-1720 | 71308-6672 | | | | |
| 74 | 015-91-1744 | 015-91-0747 | 015-91-1740 | 71308-6674 | | | | |
| 76 | 015-91-1764 | 015-91-0767 | 015-91-1760 | 71308-6676 | | | | |
| 78 | 015-91-1784 | 015-91-0787 | 015-91-1780 | 71308-6678 | | | | |
| 80 | 015-91-1804 | 015-91-0807 | 015-91-1800 | 71308-6680 | | | | |
| 100 | 71308-5100 | 71308-5200 | 71308-5300 | | | | | |

PARTS ON THIS SHEET HAVE
LONG PEGS WITH
A MATING HEIGHT OF 8.13




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

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 1:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | |
|---|---|---|
| ANGULAR TOL | ± | ° |
| 4 PLACES | ± | |
| 3 PLACES | ± | |
| 2 PLACES | ± | 0.13 |
| 1 PLACE | ± | 0.25 |
| 0 PLACES | ± | 0.0 |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516701

EC NO: 828172
DRWN: RAGHAH3 2025/07/15
CHK'D: GGA 2025/07/24
APPR: GGA 2025/07/24

INITIAL REVISION:
DRWN: KSAMIEC 2017/09/07
APPR: FSMITH 2018/07/03

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 71308

molex

CGRID HEADER ASSY VERTICAL DUAL ROW SMT

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 713080000-SD | PSD | 000 | A11 |

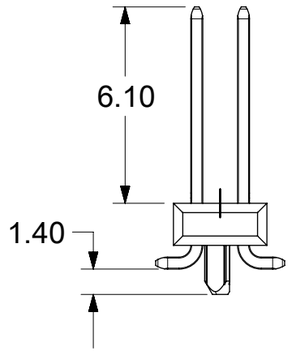
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | | 7 OF 10 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/07/24 04:50:49 |
|---|---|---|---|

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

| PLATING: | 124 - BRIGHT TIN | 124 - BRIGHT TIN | 206 - 0.76 SGOLD | 206 - 0.76 SGOLD | 118 - BRIGHT TIN | 118 - BRIGHT TIN | | |
|---|---|---|---|---|---|---|---|---|
| PACKAGING: | TUBE 713080001-PK | T&R 713080000-PK STYLE C | TUBE 713080001-PK | T&R 713080000-PK STYLE C | TUBE 713080001-PK | T&R 713080000-PK STYLE C | | |
| PICK AND PLACE CAPS | NO | YES | NO | YES | NO | YES | | |
| CKTS: | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO |
| 4 | | | 015-91-1048 | 015-91-6047 | | | | |
| 6 | 71308-6106 | | 015-91-1068 | 015-91-6067 | 71308-6706 | | | |
| 8 | | | 015-91-1088 | | 71308-6708 | | | |
| 10 | 71308-6110 | | 015-91-1108 | | 71308-6710 | | | |
| 12 | | | 015-91-1128 | | | | | |
| 14 | | | 015-91-1148 | | | | | |
| 16 | | | 015-91-1168 | | | | | |
| 18 | | | 015-91-1188 | | | | | |
| 20 | | | 015-91-1208 | 015-91-6207 | | | | |
| 22 | | | 015-91-1228 | | | | | |
| 24 | | | 015-91-1248 | | | | | |
| 26 | 71308-6126 | | 015-91-1268 | | 71308-6726 | | | |
| 28 | | | 015-91-1288 | | | | | |
| 30 | | | 015-91-1308 | | | | | |
| 32 | | | 015-91-1328 | | | | | |
| 34 | | | 015-91-1348 | | | | | |
| 36 | | | 015-91-1368 | | | | | |
| 38 | | | 015-91-1388 | | | | | |
| 40 | | | 015-91-1408 | | | | | |
| 42 | | | 015-91-1428 | | | | | |
| 44 | | | 015-91-1448 | | | | | |
| 46 | | | 015-91-1468 | | | | | |
| 48 | | | 015-91-1488 | | | | | |
| 50 | | | 015-91-1508 | 015-91-6507 | | | | |
| 52 | | | 015-91-1528 | | | | | |
| 54 | | | 015-91-1548 | | | | | |
| 56 | | | 015-91-1568 | | | | | |
| 58 | | | 015-91-1588 | | | | | |
| 60 | | | 015-91-1608 | | | | | |
| 62 | | | 015-91-1628 | | | | | |
| 64 | | | 015-91-1648 | | | | | |
| 66 | | | 015-91-1668 | | | | | |
| 68 | | | 015-91-1688 | | | | | |
| 70 | | | 015-91-1708 | | | | | |
| 72 | | | 015-91-1728 | | | | | |
| 74 | | | 015-91-1748 | | | | | |
| 76 | | | 015-91-1768 | | | | | |
| 78 | | | 015-91-1788 | | | | | |
| 80 | | | 015-91-1808 | | | | | |
| 100 | | | 71308-6100 | | | | | |

PARTS ON THIS SHEET HAVE
SHORT PEGS WITH
A MATING HEIGHT OF 6.10




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

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 1:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | |
|---|---|
| ANGULAR TOL | ± ° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± 0.13 |
| 1 PLACE | ± 0.25 |
| 0 PLACES | ± 0.0 |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516701

EC NO: 828172
DRWN: RAGHAH3 2025/07/15
CHK'D: GGA 2025/07/24
APPR: GGA 2025/07/24

INITIAL REVISION:
DRWN: KSAMIEC 2017/09/07
APPR: FSMITH 2018/07/03

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 71308

molex

CGRID HEADER ASSY VERTICAL DUAL ROW SMT

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 713080000-SD | PSD | 000 | A11 |

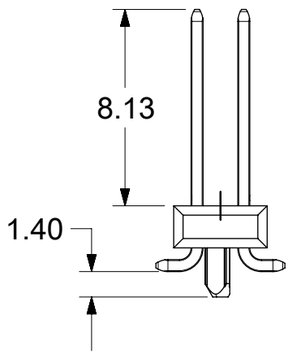
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | | 8 OF 10 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/07/24 04:50:49 |
|---|---|---|---|

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

| PLATING: | 197 - REFLOW TIN | 197 - REFLOW TIN | 197 - REFLOW TIN | | | | |
|---|---|---|---|---|---|---|---|
| PACKAGING: | T&R 713080000-PK STYLE D | TUBE 713080004-PK | TUBE 713080003-PK | | | | |
| PICK AND PLACE CAPS | YES | YES | NO | | | | |
| CKTS: | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO |
| 4 | | | | | | | |
| 6 | | | | | | | |
| 8 | 71308-8409 | 71308-8408 | 71308-8508 | | | | |
| 10 | | | | | | | |
| 12 | | | | | | | |
| 14 | | | | | | | |
| 16 | | | | | | | |
| 18 | | | | | | | |
| 20 | 71308-8421 | 71308-8420 | 71308-8520 | | | | |
| 22 | | | | | | | |
| 24 | | | | | | | |
| 26 | 71308-8426 | | | | | | |
| 28 | | | | | | | |
| 30 | | | | | | | |
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| 70 | | | | | | | |
| 72 | | | | | | | |
| 74 | | | | | | | |
| 76 | | | | | | | |
| 78 | | | | | | | |
| 80 | | | | | | | |

PARTS ON THIS SHEET HAVE
SHORT PEGS WITH
A MATING HEIGHT OF 8.13




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

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 1:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | |
|---|---|---|
| ANGULAR TOL | ± | ° |
| 4 PLACES | ± | |
| 3 PLACES | ± | |
| 2 PLACES | ± | 0.13 |
| 1 PLACE | ± | 0.25 |
| 0 PLACES | ± | 0.0 |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516701

EC NO: 828172
DRWN: RAGHAH3 2025/07/15
CHK'D: GGA 2025/07/24
APPR: GGA 2025/07/24

INITIAL REVISION:
DRWN: KSAMIEC 2017/09/07
APPR: FSMITH 2018/07/03

molex

CGRID HEADER ASSY VERTICAL DUAL ROW SMT

PRODUCT CUSTOMER DRAWING

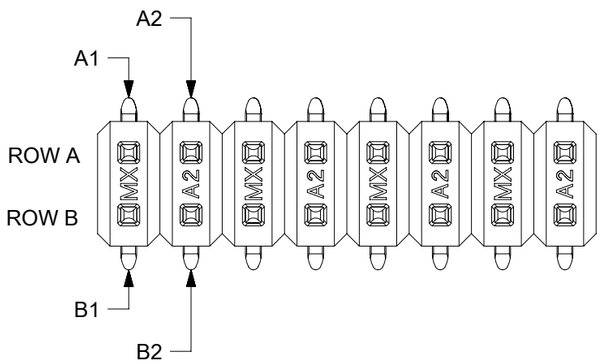
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 713080000-SD | PSD | 000 | A11 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 71308 | SEE TABLE | | 9 OF 10 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/07/24 04:50:49 |
|---|---|---|---|

FORMAT: master-ib-prod-A3
REVISION: J1
DATE: 2021/05/01

| MATERIAL NO | MADE FROM | NO OF CKTS | VOID LOCATION | PICK AND PLACE CAP | PACKAGING |
|---|---|---|---|---|---|
| | 71308-0010 | 10 | A5 | 711331000 | 713080002-PK |
| | 71308-0110 | 10 | A2 | 711331000 | 713080002-PK |
| | 71308-0132 | 32 | A9 | 711331000 | 713080002-PK |
| 71308-9110 | 71308-0110 | 10 | A5 | 711331000 | 713080002-PK |
| | 71308-0140 | 14 | B5 | 711331000 | 713080002-PK |
| 71308-9310 | 71308-0110 | 10 | B5 | 711331000 | 713080002-PK |
| 71308-9311 | 71308-0110 | 10 | B5 | 711331000 | 713080000-PK STYLE A |
| 71308-9312 | 71308-1504 | 04 | A1 | 711331000 | 713080000-PK STYLE A |




CIRCUIT IDENTIFICATION FOR VOIDED CKT ONLY

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

| | |
|---|---|
| DIMENSION UNITS | mm |
| SCALE | 5:1 |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | |
| ANGULAR TOL ± ° | |
| 4 PLACES ± | |
| 3 PLACES ± | |
| 2 PLACES ± 0.13 | |
| 1 PLACE ± 0.25 | |
| 0 PLACES ± 0.0 | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | |

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516701

EC NO: 828172

| | | |
|---|---|---|
| DRWN: | RAGHAH3 | 2025/07/15 |
| CHK'D: | GGA | 2025/07/24 |
| APPR: | GGA | 2025/07/24 |

INITIAL REVISION:

| | | |
|---|---|---|
| DRWN: | KSAMIEC | 2017/09/07 |
| APPR: | FSMITH | 2018/07/03 |

molex

CGRID HEADER ASSY VERTICAL DUAL ROW SMT

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 713080000-SD | PSD | 000 | A11 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 71308 | SEE TABLE | | 10 OF 10 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/07/24 04:50:49 |
|---|---|---|---|

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01