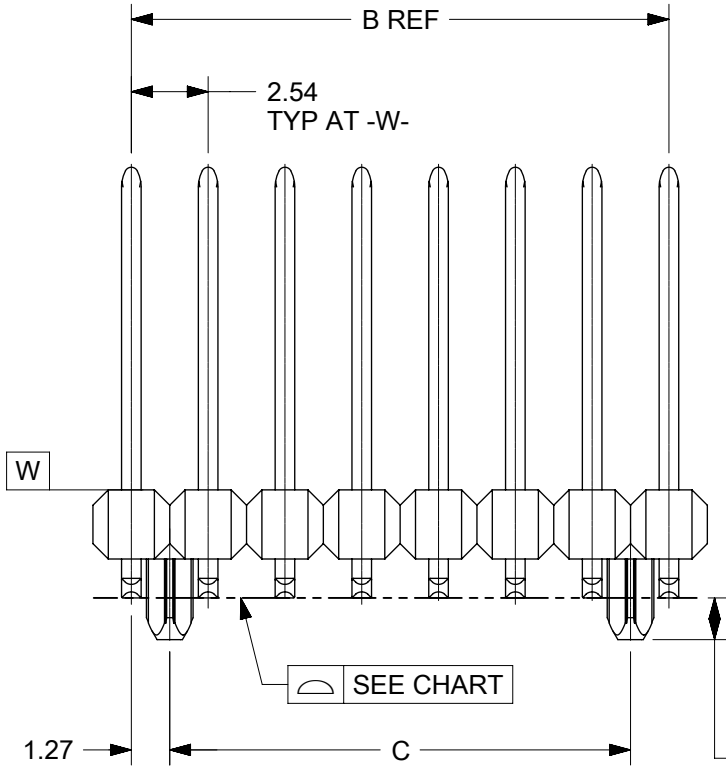
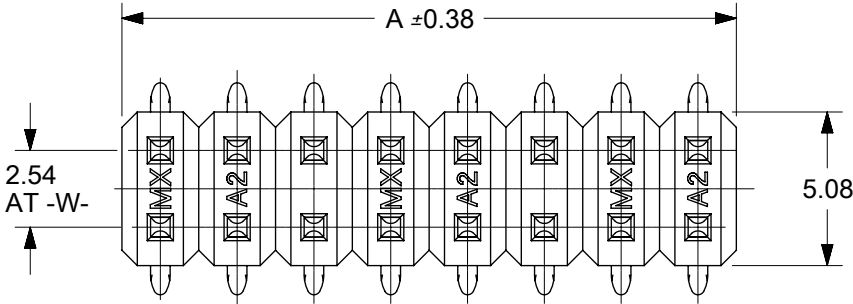
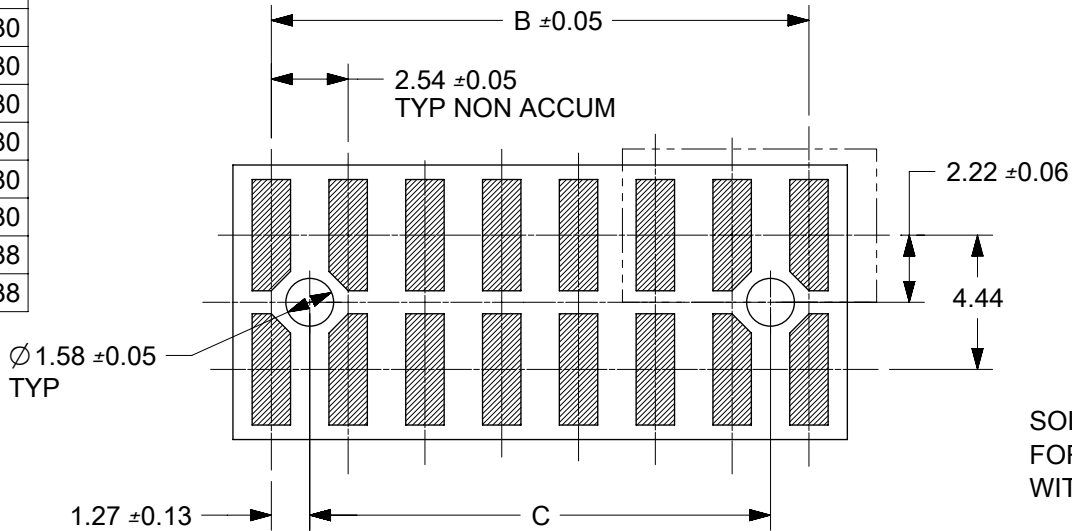


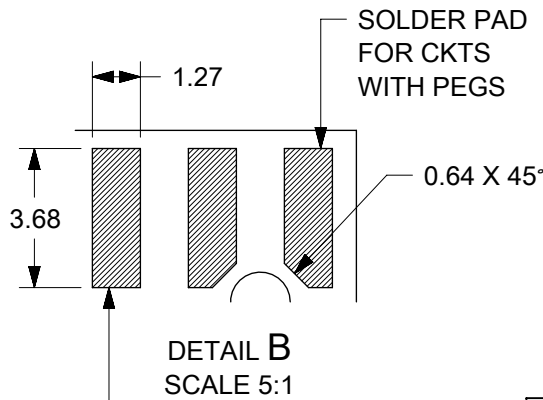
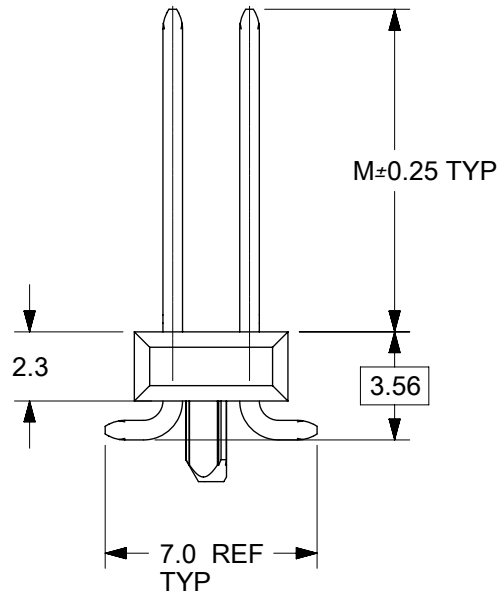
| 10   | 9      | 8      | 7      | 6                                                                               | 5 | 4 | 3 | 2 | 1 |
|------|--------|--------|--------|---------------------------------------------------------------------------------|---|---|---|---|---|
| CKTS | DIM A  | DIM B  | 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                                                                            |   |   |   |   |   |



PEG OPTIONS  
NO PEG  
1.40 = SHORT PEG  
3.30 = LONG PEG

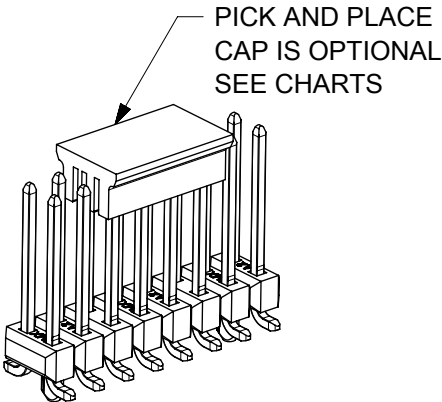


PCB LAYOUT: COMPONENT SIDE  
( FOR CKT 04,06 AND 08 REFER SHEET 2)



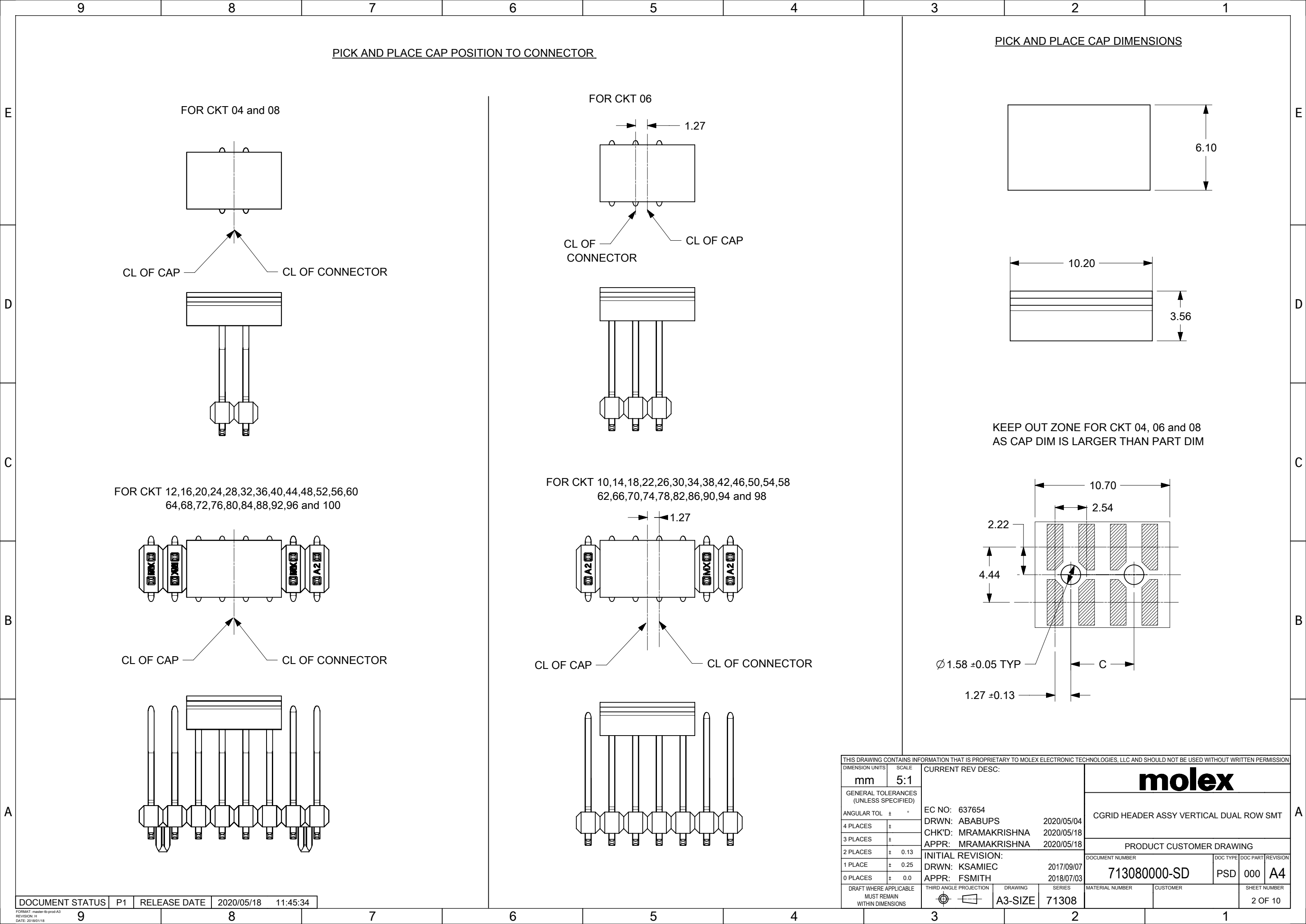
SOLDER PAD  
FOR CKTS  
WITHOUT PEGS

- NOTES:
- HOUSING MATERIAL: LCP, UL 94V-0 COLOR: BLACK  
PIN MATERIAL: COPPER ALLOY
  - 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
  - PRODUCT SPECIFICATION: PS-71308
  - PACKAGING SPECIFICATION: SEE CHART
  - COSMETIC SPECIFICATION: PS-45499-002 CLASS B
  - SOLDERABILITY SPECIFICATION: SMES-152



| DRAWING SHEET INDEX |                  |                     |
|---------------------|------------------|---------------------|
| SHEET NO            | PEG STYLE        | DIM M MATING HEIGHT |
| 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                                                                                                                               |  | SCALE |  | CURRENT REV DESC: |  |  | <div>molex</div>                        |  |  |
| mm                                                                                                                                            |  | 3:1   |  |                   |  |  |                                         |  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |  |                   |  |  |                                         |  |  |
| ANGULAR TOL    ±    °                                                                                                                         |  |       |  | EC NO: 637654     |  |  | CGRID HEADER ASSY VERTICAL DUAL ROW SMT |  |  |
| 4 PLACES                                                                                                                                      |  | ±     |  | DRWN: ABABUPS     |  |  |                                         |  |  |



|                     |  |                          |  |                   |  |                          |  |                          |  |                   |  |                          |  |                          |  |                   |  |                          |  |
|---------------------|--|--------------------------|--|-------------------|--|--------------------------|--|--------------------------|--|-------------------|--|--------------------------|--|--------------------------|--|-------------------|--|--------------------------|--|
| 10                  |  | 9                        |  | 8                 |  | 7                        |  | 6                        |  | 5                 |  | 4                        |  | 3                        |  | 2                 |  | 1                        |  |
| 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                |  | 015-91-6043              |  |
| 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              |  | 015-91-3086       |  | 015-91-6082              |  | 015-91-3080              |  | 015-91-3088       |  | 015-91-6083              |  |
| 10                  |  | 015-91-2100              |  | 015-91-3107       |  | 015-91-6100              |  | 015-91-0100              |  | 015-91-3106       |  | 015-91-6102              |  | 015-91-3100 / 71308-3110 |  | 015-91-3108       |  | 015-91-6103              |  |
| 12                  |  | 015-91-2120              |  | 015-91-3127       |  | 015-91-6120              |  | 015-91-0120              |  | 015-91-3126       |  | 015-91-6122              |  | 015-91-3120              |  | 015-91-3128       |  | 015-91-6123              |  |
| 14                  |  | 015-91-2140              |  | 015-91-3147       |  | 015-91-6140              |  | 015-91-0140 / 71308-9140 |  | 015-91-3146       |  | 015-91-6142              |  | 015-91-3140              |  | 015-91-3148       |  | 015-91-6143              |  |
| 16                  |  | 015-91-2160              |  | 015-91-3167       |  | 015-91-6160              |  | 015-91-0160              |  | 015-91-3166       |  | 015-91-6162              |  | 015-91-3160              |  | 015-91-3168       |  | 015-91-6163              |  |
| 18                  |  | 015-91-2180              |  | 015-91-3187       |  |                          |  | 015-91-0180              |  | 015-91-3186       |  |                          |  | 015-91-3180              |  | 015-91-3188       |  |                          |  |
| 20                  |  | 015-91-2200              |  | 015-91-3207       |  | 015-91-6200              |  | 015-91-0200 / 71308-9200 |  | 015-91-3206       |  | 015-91-6202              |  | 015-91-3200              |  | 015-91-3208       |  | 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              |  | 015-91-3247       |  | 71308-2240               |  | 015-91-0240              |  | 015-91-3246       |  |                          |  | 015-91-3240              |  | 015-91-3248       |  |                          |  |
| 26                  |  | 015-91-2260              |  | 015-91-3267       |  | 015-91-6260              |  | 015-91-0260              |  | 015-91-3266       |  | 015-91-6262              |  | 015-91-3260              |  | 015-91-3268       |  |                          |  |
| 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              |  | 015-91-3306       |  |                          |  | 015-91-3300              |  | 015-91-3308       |  |                          |  |
| 32                  |  | 015-91-2320              |  | 015-91-3327       |  |                          |  | 015-91-0320              |  | 015-91-3326       |  |                          |  | 015-91-3320              |  | 015-91-3328       |  |                          |  |
| 34                  |  | 015-91-2340              |  | 015-91-3347       |  |                          |  | 015-91-0340              |  | 015-91-3346       |  |                          |  | 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       |  | 015-91-6400              |  | 015-91-0400              |  | 015-91-3406       |  | 015-91-6402              |  | 015-91-3400              |  | 015-91-3408       |  | 015-91-6403              |  |
| 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       |  |                          |  | 015-91-3480              |  | 015-91-3488       |  |                          |  |
| 50                  |  | 015-91-2500              |  | 015-91-3507       |  | 015-91-6500              |  | 015-91-0500              |  | 015-91-3506       |  | 015-91-6502              |  | 015-91-3500              |  | 015-91-3508       |  | 015-91-6503              |  |
| 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       |  |                          |  | 015-91-3620              |  | 015-91-3628       |  |                          |  |
| 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              |  | 015-91-3808       |  |                          |  |
| 90                  |  |                          |  |                   |  |                          |  | 71308-0190               |  |                   |  |                          |  |                          |  |                   |  |                          |  |
| 100                 |  | 71308-0101               |  | 71308-0500        |  |                          |  | 71308-0200               |  | 71308-0600        |  |                          |  | 71308-0300               |  | 71308-0700        |  |                          |  |

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DIMENSION UNITS

SCALE

mm

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL

4 PLACES

3 PLACES

2 PLACES

1 PLACE

0 PLACES

DRAFT WHERE APPLICABLE

MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 637654

DRWN: ABABUPS

CHK'D: MRAMAKRISHNA

APPR: MRAMAKRISHNA

INITIAL REVISION:

DRWN: KSAMIEC

APPR: FSMITH

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

2020/05/04

2020/05/18

2020/05/18

2017/09/07

2018/07/03

B-SIZE

71308

2020/05/04

2020/05/18

2020/05/18

2017/09/07

2018/07/03

713080000-SD

PSD

000

A4

3 OF 10

mo

lex

CGRID HEADER ASSY VERTICAL DUAL ROW SMT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

6.10

NO PEGS

PARTS ON THIS SHEET ARE WITHOUT PEGS WITH 6.10 MATING LENGTH

|                 |    |              |            |          |   |   |   |   |   |   |
|-----------------|----|--------------|------------|----------|---|---|---|---|---|---|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2020/05/18 | 11:45:34 |   |   |   |   |   |   |
| 9               |    | 8            |            | 7        | 6 | 5 | 4 | 3 | 2 | 1 |

|    |                     |                   |                   |                          |                   |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|----|---------------------|-------------------|-------------------|--------------------------|-------------------|-------------|-------------|-------------|-------------|-------------|--|---|--|---|--|---|--|---|--|
| 10 |                     | 9                 |                   | 8                        |                   | 7           |             | 6           |             | 5           |  | 4 |  | 3 |  | 2 |  | 1 |  |
| F  | PLATING:            | 197 - REFLOW TIN  | 118 - BRIGHT TIN  | 118 - BRIGHT TIN         | 118 - BRIGHT TIN  |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | PACKAGING:          | TUBE 713080001-PK | TUBE 713080001-PK | T&R 713080000-PK STYLE A | TUBE 713080002-PK |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | PICK AND PLACE CAPS | NO                | NO                | 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        | 71308-5504               | NA                |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 6                   | 71308-2106        | 71308-5406        | 71308-5506               | NA                |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
| E  | 8                   | 71308-2108        | 71308-5408        | 71308-5508               | 71308-5608        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 10                  | 71308-2110        | 71308-5410        | 71308-5510               | 71308-5610        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 12                  | 71308-2112        | 71308-5412        | 71308-5512               | 71308-5612        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 14                  | 71308-2114        | 71308-5414        | 71308-5514               | 71308-5614        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 16                  | 71308-2116        | 71308-5416        | 71308-5516               | 71308-5616        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 18                  | 71308-2118        | 71308-5418        |                          | 71308-5618        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 20                  | 71308-2120        | 71308-5420        | 71308-5520               | 71308-5620        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 22                  | 71308-2122        | 71308-5422        |                          | 71308-5622        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 24                  | 71308-2124        | 71308-5424        |                          | 71308-5624        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 26                  | 71308-2126        | 71308-5426        |                          | 71308-5626        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
| D  | 28                  | 71308-2128        | 71308-5428        |                          | 71308-5628        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 30                  | 71308-2130        | 71308-5430        |                          | 71308-5630        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 32                  | 71308-2132        | 71308-5432        |                          | 71308-5632        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 34                  | 71308-2134        | 71308-5434        |                          | 71308-5634        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 36                  | 71308-2136        | 71308-5436        |                          | 71308-5636        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 38                  | 71308-2138        | 71308-5438        |                          | 71308-5638        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 40                  | 71308-2140        | 71308-5440        | 71308-5540               | 71308-5640        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 42                  | 71308-2142        | 71308-5442        |                          | 71308-5642        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 44                  | 71308-2144        | 71308-5444        |                          | 71308-5644        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 46                  | 71308-2146        | 71308-5446        |                          | 71308-5646        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
| C  | 48                  | 71308-2148        | 71308-5448        |                          | 71308-5648        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 50                  | 71308-2150        | 71308-5450        | 71308-5550               | 71308-5650        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 52                  | 71308-2152        | 71308-5452        |                          | 71308-5652        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 54                  | 71308-2154        | 71308-5454        |                          | 71308-5654        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 56                  | 71308-2156        | 71308-5456        |                          | 71308-5656        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 58                  | 71308-2158        | 71308-5458        |                          | 71308-5658        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 60                  | 71308-2160        | 71308-5460        |                          | 71308-5660        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 62                  | 71308-2162        | 71308-5462        |                          | 71308-5662        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 64                  | 71308-2164        | 71308-5464        |                          | 71308-5664        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 66                  | 71308-2166        | 71308-5466        |                          | 71308-5666        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
| B  | 68                  | 71308-2168        | 71308-5468        |                          | 71308-5668        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 70                  | 71308-2170        | 71308-5470        |                          | 71308-5670        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 72                  | 71308-2172        | 71308-5472        |                          | 71308-5672        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 74                  | 71308-2174        | 71308-5474        |                          | 71308-5674        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 76                  | 71308-2176        | 71308-5476        |                          | 71308-5676        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 78                  | 71308-2178        | 71308-5478        |                          | 71308-5678        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 80                  | 71308-2180        | 71308-5480        |                          | 71308-5680        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |
|    | 100                 |                   | 71308-5500        |                          | 71308-5700        |             |             |             |             |             |  |   |  |   |  |   |  |   |  |

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

DIMENSION UNITS

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SCALE

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:

EC NO: 637654  
DRWN: ABABUPS 2020/05/04  
CHK'D: MRAMAKRISHNA 2020/05/18  
APPR: MRAMAKRISHNA 2020/05/18

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

THIRD ANGLE PROJECTION

DRAWING

B-SIZE

SERIES

71308

DOCUMENT NUMBER

713080000-SD

DOC TYPE

PSD

DOC PART

000

REVISION

A4

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

4 OF 10

6.10

REF

NO PEGS

DOCUMENT STATUS

P1

RELEASE DATE

2020/05/18

11:45:34

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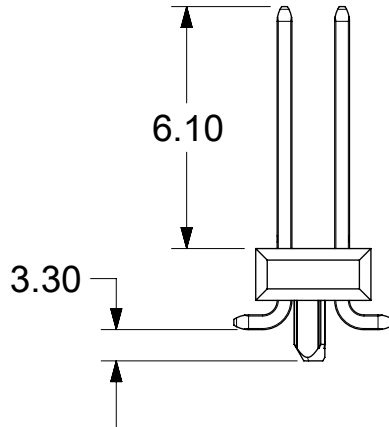
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|                     |  |                   |  |                          |  |                   |  |                          |  |                   |  |                          |  |                   |  |                          |  |                   |  |             |
|---------------------|--|-------------------|--|--------------------------|--|-------------------|--|--------------------------|--|-------------------|--|--------------------------|--|-------------------|--|--------------------------|--|-------------------|--|-------------|
| 10                  |  | 9                 |  | 8                        |  | 7                 |  | 6                        |  | 5                 |  | 4                        |  | 3                 |  | 2                        |  | 1                 |  |             |
| 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       |  | A2 71308-6908            |  | 015-91-5089       |  |                          |  |                   |  |             |
| 10                  |  | 71308-8010        |  |                          |  |                   |  |                          |  | 015-91-0108       |  |                          |  | 015-91-5109       |  |                          |  | 71308-5810        |  |             |
| 12                  |  | 71308-8012        |  |                          |  |                   |  |                          |  | 015-91-0128       |  |                          |  | 015-91-5129       |  |                          |  |                   |  |             |
| 14                  |  | 71308-8014        |  |                          |  |                   |  |                          |  | 015-91-0148       |  |                          |  | 015-91-5149       |  |                          |  |                   |  |             |
| 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        |  |                          |  |                   |  |             |

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|                     |                   |                          |                   |                          |                          |                          |                   |                          |   |
|---------------------|-------------------|--------------------------|-------------------|--------------------------|--------------------------|--------------------------|-------------------|--------------------------|---|
| 10                  | 9                 | 8                        | 7                 | 6                        | 5                        | 4                        | 3                 | 2                        | 1 |
| 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       | 015-91-6044              | 015-91-6045              | 015-91-6046              | 71308-6404        | 71308-6504               |   |
| 6                   | 015-91-1061       | 015-91-1062              | 015-91-1063       | 015-91-6064              | 015-91-6065              | 015-91-6066              | 71308-6406        | 71308-6506               |   |
| 8                   | 015-91-1081       | 015-91-1082              | 015-91-1083       | 015-91-6084              | 015-91-6085              | 015-91-6086              | 71308-6408        | 71308-6508               |   |
| 10                  | 015-91-1101       | 015-91-1102 / 71308-1102 | 015-91-1103       | 015-91-6104              | 015-91-6105              | 015-91-6106              | 71308-6410        | 71308-6510               |   |
| 12                  | 015-91-1121       | 015-91-1122              | 015-91-1123       |                          |                          |                          | 71308-6412        |                          |   |
| 14                  | 015-91-1141       | 015-91-1142              | 015-91-1143       | 015-91-6144              | 015-91-6145              | 015-91-6146              | 71308-6414        | 71308-6514               |   |
| 16                  | 015-91-1161       | 015-91-1162              | 015-91-1163       | 015-91-6164              | 015-91-6165              | 015-91-6166              | 71308-6416        | 71308-6516               |   |
| 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       |                          |                          | 015-91-6506              | 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  |  | CURRENT REV DESC:              |  |         |  | <div>molex</div>                        |  |                 |  |          |  |              |  |
| mm                                                                                                                                            |  | 1:1    |  |                                |  |         |  |                                         |  |                 |  |          |  |              |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |        |  |                                |  |         |  |                                         |  |                 |  |          |  |              |  |
| ANGULAR TOL                                                                                                                                   |  | ± °    |  |                                |  |         |  |                                         |  |                 |  |          |  |              |  |
| 4 PLACES                                                                                                                                      |  | ±      |  | EC NO: 637654                  |  |         |  | CGRID HEADER ASSY VERTICAL DUAL ROW SMT |  |                 |  |          |  |              |  |
| 3 PLACES                                                                                                                                      |  | ±      |  | DRWN: ABABUPS 2020/05/04       |  |         |  |                                         |  |                 |  |          |  |              |  |
| 2 PLACES                                                                                                                                      |  | ± 0.13 |  | CHK'D: MRAMAKRISHNA 2020/05/18 |  |         |  |                                         |  |                 |  |          |  |              |  |
| 1 PLACE                                                                                                                                       |  | ± 0.25 |  | APPR: MRAMAKRISHNA 2020/05/18  |  |         |  | PRODUCT CUSTOMER DRAWING                |  |                 |  |          |  |              |  |
| 0 PLACES                                                                                                                                      |  | ± 0.0  |  | INITIAL REVISION:              |  |         |  | DOCUMENT NUMBER                         |  | DOC TYPE        |  | DOC PART |  | REVISION     |  |
| DRWN: KSAMIEC 2017/09/07                                                                                                                      |  |        |  | APPR: FSMITH 2018/07/03        |  |         |  | 713080000-SD                            |  | PSD             |  | 000      |  | A4           |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |        |  | THIRD ANGLE PROJECTION         |  | DRAWING |  | SERIES                                  |  | MATERIAL NUMBER |  | CUSTOMER |  | SHEET NUMBER |  |
|                                                                                                                                               |  |        |  |                                |  | B-SIZE  |  | 71308                                   |  |                 |  |          |  | 6 OF 10      |  |

|                 |    |              |            |          |   |   |   |   |   |   |   |   |   |
|-----------------|----|--------------|------------|----------|---|---|---|---|---|---|---|---|---|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2020/05/18 | 11:45:34 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|-----------------|----|--------------|------------|----------|---|---|---|---|---|---|---|---|---|

FORMAT: master-ib-prod-8  
REVISION: H  
DATE: 2018/01/18



[illegible]

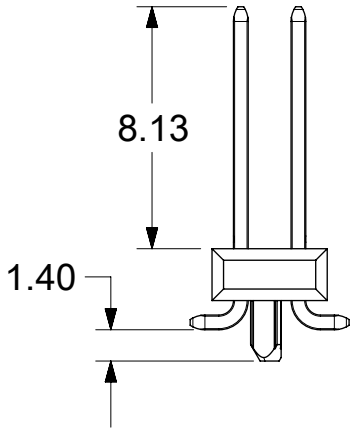
|                     |  |                   |  |                          |  |                   |  |                          |  |                   |  |                          |  |             |  |             |  |   |  |
|---------------------|--|-------------------|--|--------------------------|--|-------------------|--|--------------------------|--|-------------------|--|--------------------------|--|-------------|--|-------------|--|---|--|
| 10                  |  | 9                 |  | 8                        |  | 7                 |  | 6                        |  | 5                 |  | 4                        |  | 3           |  | 2           |  | 1 |  |
| 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        |  | 71308-6206               |  | 015-91-1068       |  | 015-91-6067              |  | 71308-6706        |  | 71308-6806               |  |             |  |             |  |   |  |
| 8                   |  | 71308-6108        |  | 71308-6208               |  | 015-91-1088       |  | 015-91-6087              |  | 71308-6708        |  | 71308-6808               |  |             |  |             |  |   |  |
| 10                  |  | 71308-6110        |  | 71308-6210               |  | 015-91-1108       |  | 015-91-6107              |  | 71308-6710        |  | 71308-6810               |  |             |  |             |  |   |  |
| 12                  |  |                   |  |                          |  | 015-91-1128       |  |                          |  |                   |  |                          |  |             |  |             |  |   |  |
| 14                  |  |                   |  |                          |  | 015-91-1148       |  | 015-91-6147              |  |                   |  |                          |  |             |  |             |  |   |  |
| 16                  |  |                   |  |                          |  | 015-91-1168       |  | 015-91-6167              |  |                   |  |                          |  |             |  |             |  |   |  |
| 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        |  |                          |  |                   |  |                          |  |             |  |             |  |   |  |

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|                     |                          |                   |             |             |             |             |             |             |   |
|---------------------|--------------------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|---|
| 10                  | 9                        | 8                 | 7           | 6           | 5           | 4           | 3           | 2           | 1 |
| PLATING:            | 197 - REFLOW TIN         | 197 - REFLOW TIN  |             |             |             |             |             |             |   |
| PACKAGING:          | T&R 713080000-PK STYLE D | TUBE 713080003-PK |             |             |             |             |             |             |   |
| PICK AND PLACE CAPS | YES                      | NO                |             |             |             |             |             |             |   |
| CKTS:               | MATERIAL NO              | MATERIAL NO       | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO |   |
| 4                   |                          |                   |             |             |             |             |             |             |   |
| 6                   |                          |                   |             |             |             |             |             |             |   |
| 8                   | 71308-8409 (A4)          | 71308-8408        |             |             |             |             |             |             |   |
| 10                  |                          |                   |             |             |             |             |             |             |   |
| 12                  |                          |                   |             |             |             |             |             |             |   |
| 14                  |                          |                   |             |             |             |             |             |             |   |
| 16                  |                          |                   |             |             |             |             |             |             |   |
| 18                  |                          |                   |             |             |             |             |             |             |   |
| 20                  | 71308-8421 (A4)          | 71308-8420 (A4)   |             |             |             |             |             |             |   |
| 22                  |                          |                   |             |             |             |             |             |             |   |
| 24                  |                          |                   |             |             |             |             |             |             |   |
| 26                  | 71308-8426               |                   |             |             |             |             |             |             |   |
| 28                  |                          |                   |             |             |             |             |             |             |   |
| 30                  |                          |                   |             |             |             |             |             |             |   |
| 32                  |                          |                   |             |             |             |             |             |             |   |
| 34                  |                          |                   |             |             |             |             |             |             |   |
| 36                  |                          |                   |             |             |             |             |             |             |   |
| 38                  |                          |                   |             |             |             |             |             |             |   |
| 40                  |                          |                   |             |             |             |             |             |             |   |
| 42                  |                          |                   |             |             |             |             |             |             |   |
| 44                  |                          |                   |             |             |             |             |             |             |   |
| 46                  |                          |                   |             |             |             |             |             |             |   |
| 48                  |                          |                   |             |             |             |             |             |             |   |
| 50                  |                          |                   |             |             |             |             |             |             |   |
| 52                  |                          |                   |             |             |             |             |             |             |   |
| 54                  |                          |                   |             |             |             |             |             |             |   |
| 56                  |                          |                   |             |             |             |             |             |             |   |
| 58                  |                          |                   |             |             |             |             |             |             |   |
| 60                  |                          |                   |             |             |             |             |             |             |   |
| 62                  |                          |                   |             |             |             |             |             |             |   |
| 64                  |                          |                   |             |             |             |             |             |             |   |
| 66                  |                          |                   |             |             |             |             |             |             |   |
| 68                  |                          |                   |             |             |             |             |             |             |   |
| 70                  |                          |                   |             |             |             |             |             |             |   |
| 72                  |                          |                   |             |             |             |             |             |             |   |
| 74                  |                          |                   |             |             |             |             |             |             |   |
| 76                  |                          |                   |             |             |             |             |             |             |   |
| 78                  |                          |                   |             |             |             |             |             |             |   |
| 80                  |                          |                   |             |             |             |             |             |             |   |

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

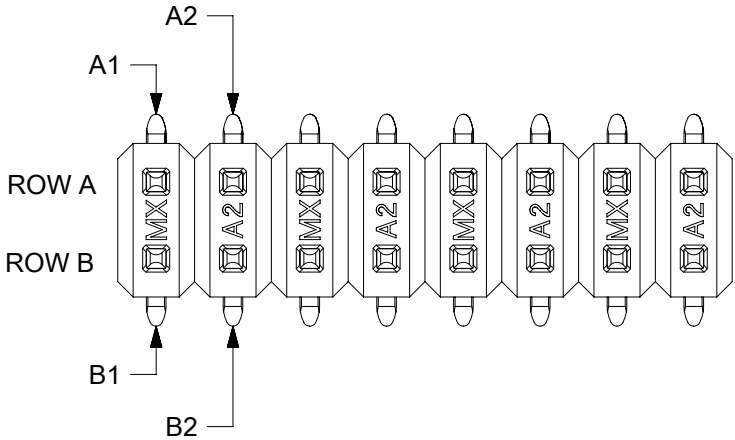


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|                                                      |                        |                                                                                                              |        |                                         |          |          |          |
|------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------|--------|-----------------------------------------|----------|----------|----------|
| DIMENSION UNITS                                      | SCALE                  | CURRENT REV DESC:                                                                                            |        | <div>molex</div>                        |          |          |          |
| mm                                                   | 1:1                    |                                                                                                              |        |                                         |          |          |          |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                |                        | EC NO: 637654<br>DRWN: ABABUPS 2020/05/04<br>CHK'D: MRAMAKRISHNA 2020/05/18<br>APPR: MRAMAKRISHNA 2020/05/18 |        | CGRID HEADER ASSY VERTICAL DUAL ROW SMT |          |          |          |
| ANGULAR TOL                                          | ± °                    |                                                                                                              |        |                                         |          |          |          |
| 4 PLACES                                             | ±                      |                                                                                                              |        |                                         |          |          |          |
| 3 PLACES                                             | ±                      |                                                                                                              |        |                                         |          |          |          |
| 2 PLACES                                             | ± 0.13                 | INITIAL REVISION:<br>DRWN: KSAMIEC 2017/09/07<br>APPR: FSMITH 2018/07/03                                     |        | PRODUCT CUSTOMER DRAWING                |          |          |          |
| 1 PLACE                                              | ± 0.25                 |                                                                                                              |        |                                         |          |          |          |
| 0 PLACES                                             | ± 0.0                  |                                                                                                              |        |                                         |          |          |          |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIRD ANGLE PROJECTION | DRAWING                                                                                                      | SERIES | DOCUMENT NUMBER                         | DOC TYPE | DOC PART | REVISION |
|                                                      |                        | B-SIZE                                                                                                       | 71308  | 713080000-SD                            | PSD      | 000      | A4       |

|                 |          |              |
|-----------------|----------|--------------|
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|                 |          | 9 OF 10      |

| MATERIAL NO | MADE FROM  | NO OF CKTS | VOID LOCATION | PICK AND PLACE CAP | PACKAGING            |
|-------------|------------|------------|---------------|--------------------|----------------------|
| 71308-9210  | 71308-0010 | 10         | A5            | 711331000          | 713080002-PK         |
| 71308-9010  | 71308-0110 | 10         | A2            | 711331000          | 713080002-PK         |
| 71308-9032  | 71308-0132 | 32         | A9            | 711331000          | 713080002-PK         |
| 71308-9110  | 71308-0110 | 10         | A5            | 711331000          | 713080002-PK         |
| 71308-9014  | 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

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2020/05/18 | 11:45:34 |
|-----------------|----|--------------|------------|----------|

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|                                                      |        |
|------------------------------------------------------|--------|
| 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:

EC NO: 637654  
DRWN: ABABUPS 2020/05/04  
CHK'D: MRAMAKRISHNA 2020/05/18  
APPR: MRAMAKRISHNA 2020/05/18

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

THIRD ANGLE PROJECTION

DRAWING

SERIES

B-SIZE71308

molex

CGRID HEADER ASSY VERTICAL DUAL ROW SMT

PRODUCT CUSTOMER DRAWING

|                 |          |          |          |
|-----------------|----------|----------|----------|
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
| 713080000-SD    | PSD      | 000      | A4       |

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

10 OF 10

987654321

FORMAT: master-b-prod-B  
REVISION: H  
DATE: 2018/01/18

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

15-91-1388