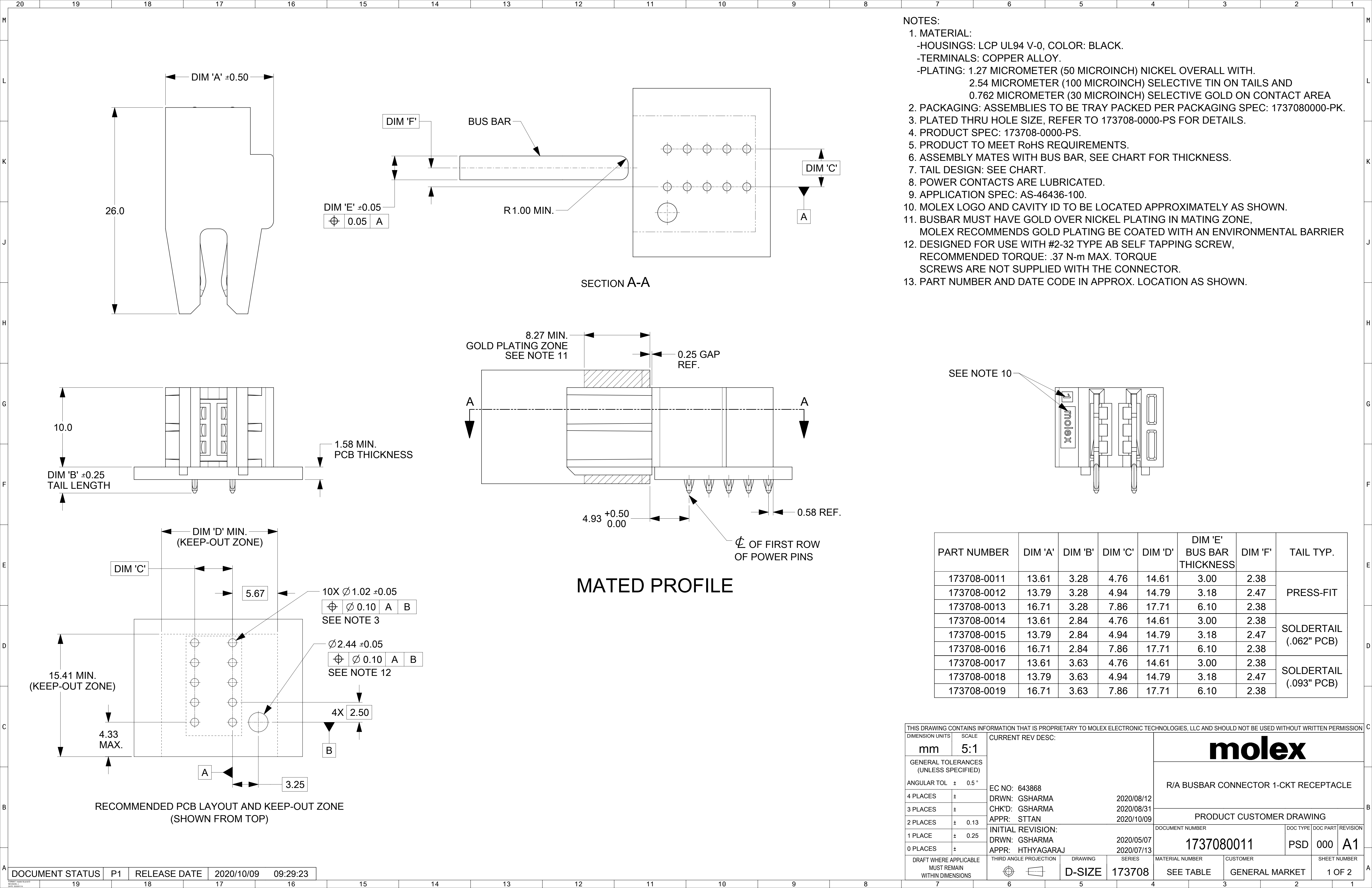
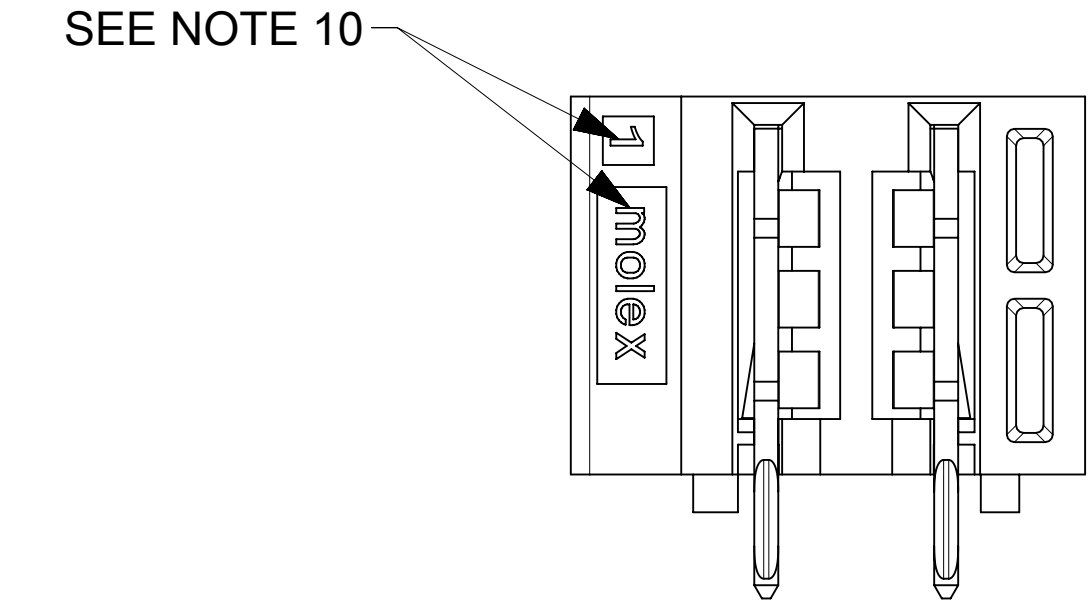




- NOTES:
1. MATERIAL:
    - HOUSINGS: LCP UL94 V-0, COLOR: BLACK.
    - TERMINALS: COPPER ALLOY.
    - PLATING: 1.27 MICROMETER (50 MICROINCH) NICKEL OVERALL WITH:
      - 2.54 MICROMETER (100 MICROINCH) SELECTIVE TIN ON TAILS AND
      - 0.762 MICROMETER (30 MICROINCH) SELECTIVE GOLD ON CONTACT AREA
  2. PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: 1737080000-PK.
  3. PLATED THRU HOLE SIZE, REFER TO 173708-0000-PS FOR DETAILS.
  4. PRODUCT SPEC: 173708-0000-PS.
  5. PRODUCT TO MEET RoHS REQUIREMENTS.
  6. ASSEMBLY MATES WITH BUS BAR, SEE CHART FOR THICKNESS.
  7. TAIL DESIGN: SEE CHART.
  8. POWER CONTACTS ARE LUBRICATED.
  9. APPLICATION SPEC: AS-46436-100.
  10. MOLEX LOGO AND CAVITY ID TO BE LOCATED APPROXIMATELY AS SHOWN.
  11. BUSBAR MUST HAVE GOLD OVER NICKEL PLATING IN MATING ZONE, MOLEX RECOMMENDS GOLD PLATING BE COATED WITH AN ENVIRONMENTAL BARRIER
  12. DESIGNED FOR USE WITH #2-32 TYPE AB SELF TAPPING SCREW, RECOMMENDED TORQUE: .37 N-m MAX. TORQUE SCREWS ARE NOT SUPPLIED WITH THE CONNECTOR.
  13. PART NUMBER AND DATE CODE IN APPROX. LOCATION AS SHOWN.



| PART NUMBER | DIM 'A' | DIM 'B' | DIM 'C' | DIM 'D' | DIM 'E' BUS BAR THICKNESS | DIM 'F' | TAIL TYP.                 |
|-------------|---------|---------|---------|---------|---------------------------|---------|---------------------------|
| 173708-0011 | 13.61   | 3.28    | 4.76    | 14.61   | 3.00                      | 2.38    | PRESS-FIT                 |
| 173708-0012 | 13.79   | 3.28    | 4.94    | 14.79   | 3.18                      | 2.47    |                           |
| 173708-0013 | 16.71   | 3.28    | 7.86    | 17.71   | 6.10                      | 2.38    |                           |
| 173708-0014 | 13.61   | 2.84    | 4.76    | 14.61   | 3.00                      | 2.38    | SOLDERTAIL<br>(.062" PCB) |
| 173708-0015 | 13.79   | 2.84    | 4.94    | 14.79   | 3.18                      | 2.47    |                           |
| 173708-0016 | 16.71   | 2.84    | 7.86    | 17.71   | 6.10                      | 2.38    |                           |
| 173708-0017 | 13.61   | 3.63    | 4.76    | 14.61   | 3.00                      | 2.38    | SOLDERTAIL<br>(.093" PCB) |
| 173708-0018 | 13.79   | 3.63    | 4.94    | 14.79   | 3.18                      | 2.47    |                           |
| 173708-0019 | 16.71   | 3.63    | 7.86    | 17.71   | 6.10                      | 2.38    |                           |

|                                                                                                                                               |  |        |  |                                                                                                                                                                                                       |  |                          |  |                  |  |                                       |          |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------|--|------------------|--|---------------------------------------|----------|--------------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |        |  |                                                                                                                                                                                                       |  |                          |  |                  |  |                                       |          |              |
| DIMENSION UNITS                                                                                                                               |  | SCALE  |  | CURRENT REV DESC:                                                                                                                                                                                     |  |                          |  |                  |  |                                       |          |              |
| mm                                                                                                                                            |  | 5:1    |  |                                                                                                                                                                                                       |  |                          |  |                  |  |                                       |          |              |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |        |  | EC NO: 643868<br>DRWN: GSHARMA 2020/08/12<br>CHK'D: GSHARMA 2020/08/31<br>APPR: STTAN 2020/10/09<br>INITIAL REVISION:<br>DRWN: GSHARMA 2020/05/07<br>APPR: HTHYAGARAJ 2020/07/13                      |  |                          |  |                  |  |                                       |          |              |
| ANGULAR TOL ± 0.5 °                                                                                                                           |  |        |  |                                                                                                                                                                                                       |  |                          |  |                  |  |                                       |          |              |
| 4 PLACES                                                                                                                                      |  | ±      |  |                                                                                                                                                                                                       |  |                          |  |                  |  |                                       |          |              |
| 3 PLACES                                                                                                                                      |  | ±      |  |                                                                                                                                                                                                       |  |                          |  |                  |  |                                       |          |              |
| 2 PLACES                                                                                                                                      |  | ± 0.13 |  |                                                                                                                                                                                                       |  |                          |  |                  |  |                                       |          |              |
| 1 PLACE                                                                                                                                       |  | ± 0.25 |  |                                                                                                                                                                                                       |  |                          |  |                  |  |                                       |          |              |
| 0 PLACES                                                                                                                                      |  | ±      |  |                                                                                                                                                                                                       |  |                          |  |                  |  |                                       |          |              |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |        |  | THIRD ANGLE PROJECTION<br>  |  | DRAWING<br>D-SIZE        |  | SERIES<br>173708 |  | molex                                 |          |              |
|                                                                                                                                               |  |        |  |                                                                                                                                                                                                       |  |                          |  |                  |  | R/A BUSBAR CONNECTOR 1-CKT RECEPTACLE |          |              |
|                                                                                                                                               |  |        |  |                                                                                                                                                                                                       |  | PRODUCT CUSTOMER DRAWING |  | DOCUMENT NUMBER  |  | DOC TYPE                              | DOC PART | REVISION     |
|                                                                                                                                               |  |        |  |                                                                                                                                                                                                       |  |                          |  | 1737080011       |  | PSD                                   | 000      | A1           |
|                                                                                                                                               |  |        |  |                                                                                                                                                                                                       |  |                          |  | MATERIAL NUMBER  |  | CUSTOMER                              |          | SHEET NUMBER |
|                                                                                                                                               |  |        |  |                                                                                                                                                                                                       |  |                          |  | SEE TABLE        |  | GENERAL MARKET                        |          | 1 OF 2       |

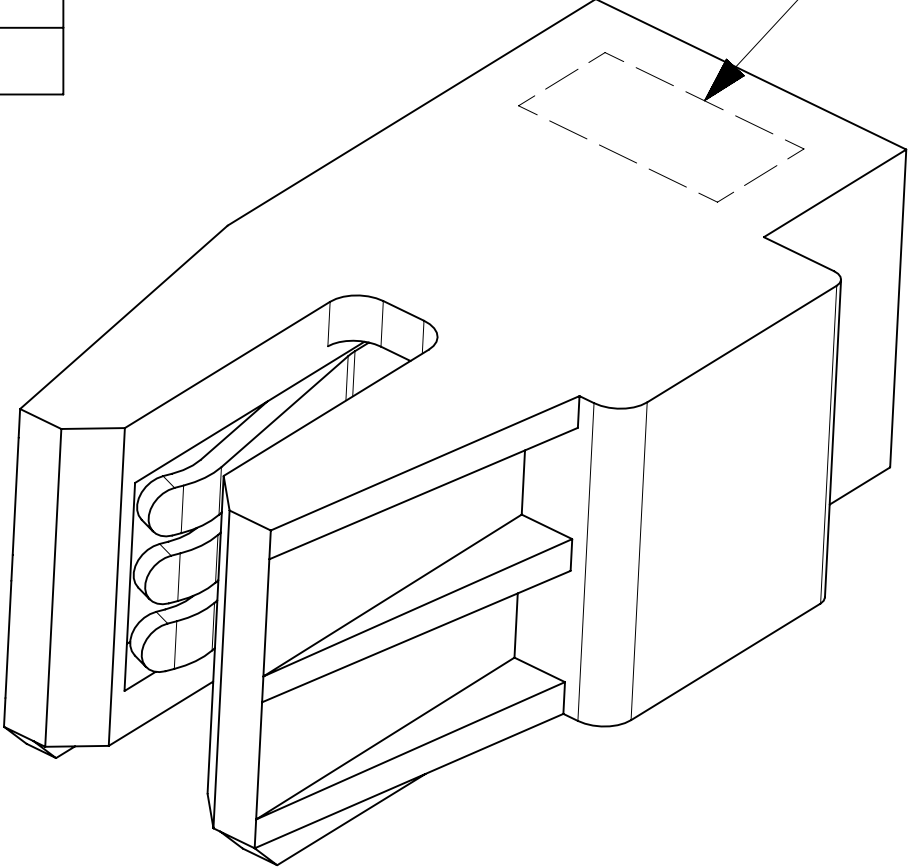
|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2020/10/09 | 09:29:23 |
|-----------------|----|--------------|------------|----------|

MATES TO 3.00mm BUS BAR

173708-0011

173708-0014

173708-0017



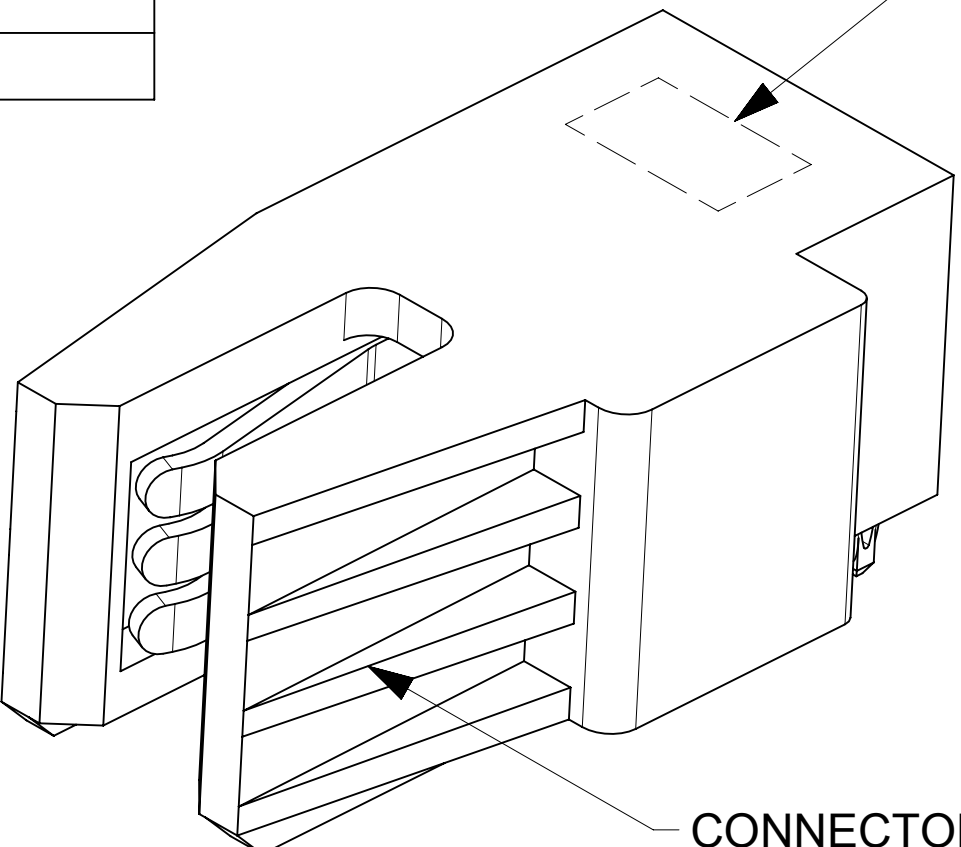
SEE NOTE 13

MATES TO 3.18mm BUS BAR

173708-0012

173708-0015

173708-0018



SEE NOTE 13

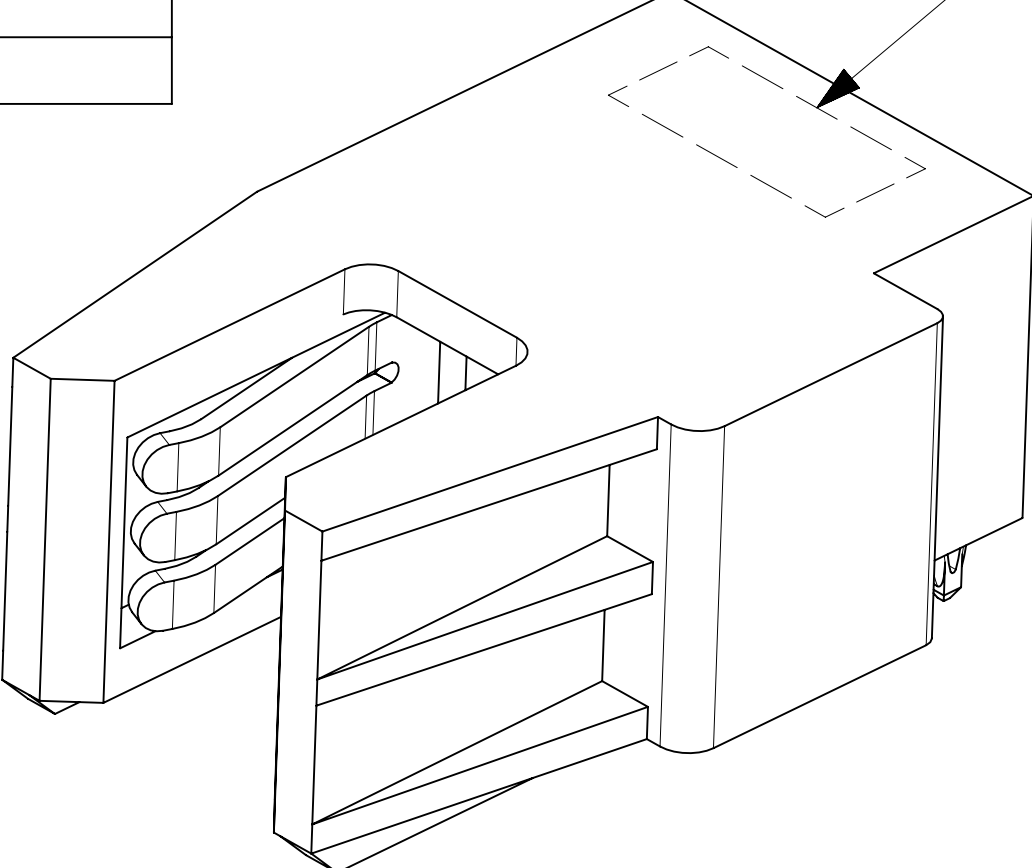
CONNECTORS FOR 3.18mm BUS BARS  
HAVE EXTRA RIB FOR IDENTIFICATION

MATES TO 6.10mm BUS BAR

173708-0013

173708-0016

173708-0019



SEE NOTE 13

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|                                                            |         |                                                                              |         |                                                                                                                |           |          |                |                 |                 |                |
|------------------------------------------------------------|---------|------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------|-----------|----------|----------------|-----------------|-----------------|----------------|
| DIMENSION UNITS                                            | SCALE   | CURRENT REV DESC:                                                            |         | <div><div>molex</div><div>R/A BUSBAR CONNECTOR 1-CKT RECEPTACLE</div><div>PRODUCT CUSTOMER DRAWING</div></div> |           |          |                |                 |                 |                |
| mm                                                         | 5:1     |                                                                              |         |                                                                                                                |           |          |                |                 |                 |                |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                      |         |                                                                              |         |                                                                                                                |           |          |                |                 |                 |                |
| ANGULAR TOL                                                | ± 0.5 ° |                                                                              |         |                                                                                                                |           |          |                |                 |                 |                |
| 4 PLACES                                                   | ±       | EC NO: 643868                                                                |         | DOCUMENT NUMBER<br>1737080011                                                                                  |           |          |                | DOC TYPE<br>PSD | DOC PART<br>000 | REVISION<br>A1 |
| 3 PLACES                                                   | ±       | DRWN: GSHARMA 2020/08/12                                                     |         |                                                                                                                |           |          |                |                 |                 |                |
| 2 PLACES                                                   | ± 0.13  | CHK'D: GSHARMA 2020/08/31                                                    |         |                                                                                                                |           |          |                |                 |                 |                |
| 1 PLACE                                                    | ± 0.25  | APPR: STTAN 2020/10/09                                                       |         |                                                                                                                |           |          |                |                 |                 |                |
| 0 PLACES                                                   | ±       | INITIAL REVISION:<br>DRWN: GSHARMA 2020/05/07<br>APPR: HTHYAGARAJ 2020/07/13 |         | MATERIAL NUMBER                                                                                                |           | CUSTOMER |                | SHEET NUMBER    |                 |                |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |         | THIRD ANGLE PROJECTION                                                       | DRAWING | SERIES                                                                                                         | SEE TABLE |          | GENERAL MARKET |                 | 2 OF 2          |                |

DOCUMENT STATUS

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