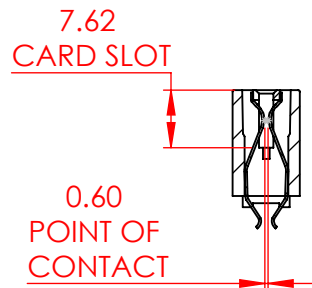
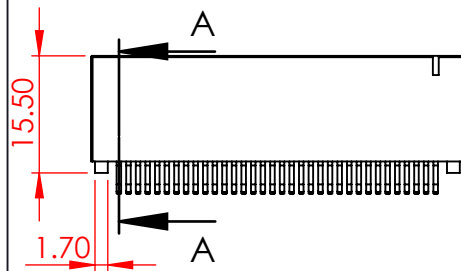
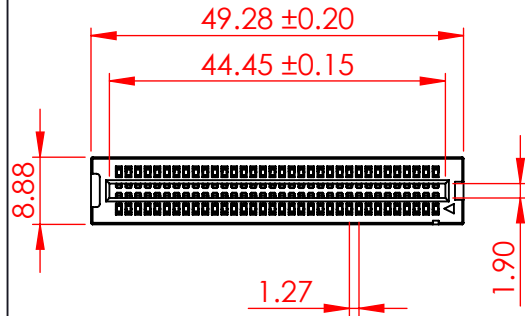


| TOLERANCE<br>UNLESS OTHERWISE<br>SPECIFIED |       |
|--------------------------------------------|-------|
| 0-10                                       | ±0.20 |
| 10-30                                      | ±0.30 |
| 30-100                                     | ±0.40 |

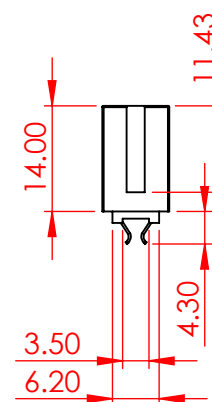
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| ISSUE NUMBER     |               |
|------------------|---------------|
| ORIGINAL         | ①             |
| UPDATE DIM TABLE |               |
| J.L.             | MAR.25/2024 ② |



SECTION A-A  
SCALE 1 : 1



#### SPECIFICATIONS:

MATERIAL:

HOUSING:

CONTACT:

PLATING:

HI-TEMP THERMOPLASTIC, PPS  
COPPER ALLOY  
30μ" GOLD PLATING ON CONTACT AREA,  
TIN PLATING ON SOLDERING AREA

#### ELECTRICAL

VOLTAGE RATING:

CURRENT RATING:

DIELECTRIC

250 VAC RMS

1A

WITHSTANDING VOLTAGE: 500VAC RMS 60Hz FOR 60s  
INSULATION RESISTANCE: 1000 MEGA OHMS MIN AT 500VDC  
CONTACT RESISTANCE: 30 mOHMS MAX

#### MECHANICAL

RETENTION FORCE:

INSERTION FORCE:

WITHDRAWAL FORCE:

460g MIN PER CONTACT  
230g MAX PER CONTACT PAIR  
15g MIN PER CONTACT PAIR

#### ENVIRONMENTAL

TEMPERATURE RANGE:

-55°C TO +105°C



THIS SERIES FULLY CONFORMS TO  
THE EUROPEAN UNION DIRECTIVES  
2011/65/EU FOR RoHS COMPLIANCY.



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TORONTO, ONTARIO  
CANADA

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WITHOUT WRITTEN PERMISSION.

### 802 SERIES CARD EDGE CONNECTOR

|                                  |                |                |
|----------------------------------|----------------|----------------|
| ACAD REFERENCE NO.: 802 Assembly |                | UNIT: MM       |
| DRAWN: J.L.                      | DATE: 06/06/23 |                |
| CHECKED: R.S.M.                  | DATE: 04/09/24 |                |
| SCALE: 1:1                       | SHEET 1 OF 2   |                |
| DRAWING NUMBER: 802-068-656-201  |                | ISSUE<br><br>2 |
| PART NUMBER: 802-068-656-201     |                |                |

| No. of<br>Positions | Contact Code       |                    |                     |                     |                     |
|---------------------|--------------------|--------------------|---------------------|---------------------|---------------------|
|                     | Contact<br>Code 21 | Contact<br>Code 58 | Contact Code 99     |                     |                     |
|                     |                    |                    | Mounting<br>Code 01 | Mounting<br>Code 05 | Mounting<br>Code 06 |
|                     |                    |                    | Dimension A         |                     | Dimension C         |
| 4                   | 1.27               | 1.27               | 1.27                | 5.08                | N/A                 |
| 6                   | 2.54               | 2.54               | 2.54                | 6.35                | N/A                 |
| 8                   | 3.81               | 3.81               | 3.81                | 7.62                | 7.62                |
| 10                  | 5.08               | 5.08               | 5.08                | 8.89                | 8.89                |
| 12                  | 6.35               | 6.35               | 6.35                | 10.16               | 10.16               |
| 14                  | 7.62               | 7.62               | 7.62                | 11.43               | N/A                 |
| 16                  | 8.89               | 8.89               | 8.89                | 12.70               | 12.70               |
| 20                  | 11.43              | 11.43              | 11.43               | 15.24               | 15.24               |
| 22                  | 12.70              | 12.70              | 12.70               | 16.51               | N/A                 |
| 24                  | 13.97              | 13.97              | 13.97               | 17.78               | N/A                 |
| 26                  | 15.24              | 15.24              | 15.24               | 19.05               | N/A                 |
| 30                  | 17.78              | 17.78              | 17.78               | 21.59               | N/A                 |
| 32                  | 19.05              | 19.05              | 19.05               | 22.86               | N/A                 |
| 36                  | 21.59              | 21.59              | 21.59               | 25.40               | N/A                 |
| 40                  | 24.13              | 24.13              | 24.13               | 27.94               | 27.94               |
| 48                  | 29.21              | 29.21              | 29.21               | 33.02               | N/A                 |
| 50                  | 30.48              | 30.48              | 30.48               | 34.29               | 34.29               |
| 52                  | 31.75              | 31.75              | 31.75               | 35.56               | N/A                 |
| 60                  | 36.83              | 36.83              | 36.83               | 40.64               | 40.64               |
| 68                  | 41.91              | N/A                | 41.91               | 45.72               | N/A                 |
| 70                  | 43.18              | N/A                | 43.18               | 46.99               | N/A                 |
| 80                  | 49.53              | 49.53              | 49.53               | 53.34               | 53.34               |
| 100                 | 62.23              | N/A                | 62.23               | 66.04               | N/A                 |
| 110                 | 68.58              | N/A                | 68.58               | 72.39               | N/A                 |
| 120                 | 74.93              | N/A                | 74.93               | 78.74               | 78.74               |
| 124                 | 77.47              | N/A                | 77.47               | 81.28               | N/A                 |

N/A = NOT AVAILABLE



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## 802 SERIES CARD EDGE CONNECTOR

|                                  |                |            |
|----------------------------------|----------------|------------|
| ACAD REFERENCE NO.: 802 Assembly |                | UNIT: MM   |
| DRAWN: J.L.                      | DATE: 06/06/23 |            |
| CHECKED: J.L.                    | DATE: 04/09/24 |            |
| SCALE: 1:1                       | SHEET 2 OF 2   |            |
| DRAWING NUMBER: 802-068-656-201  |                | ISSUE<br>2 |
| PART NUMBER: 802-068-656-201     |                |            |

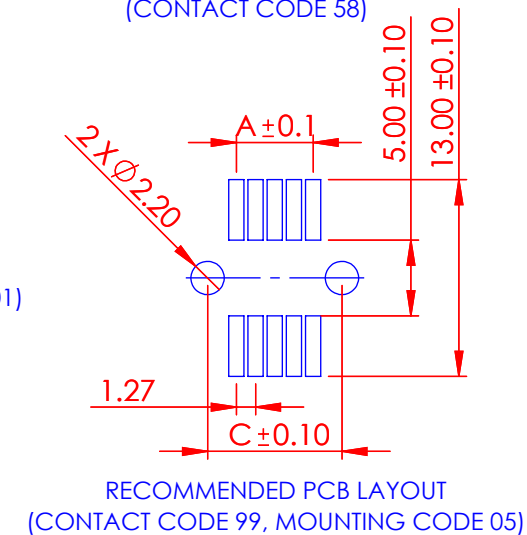
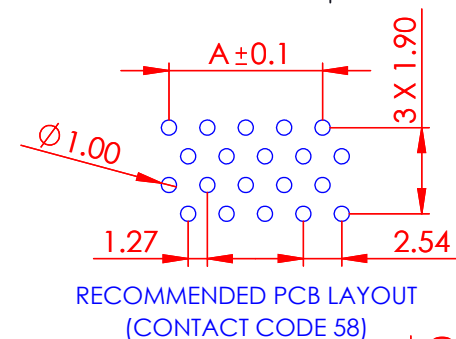
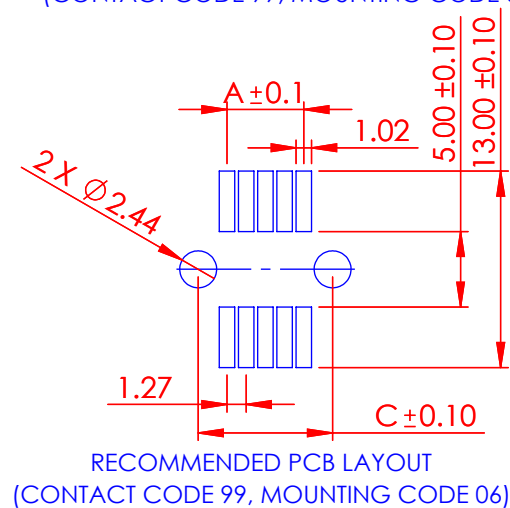
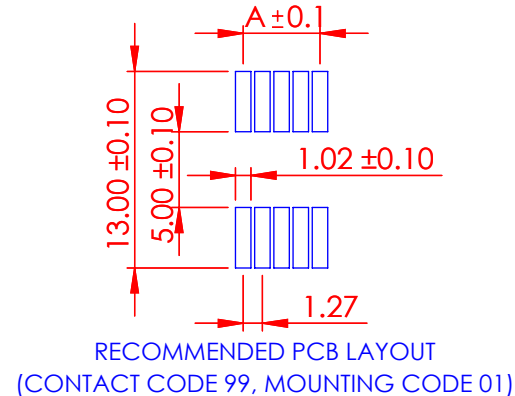
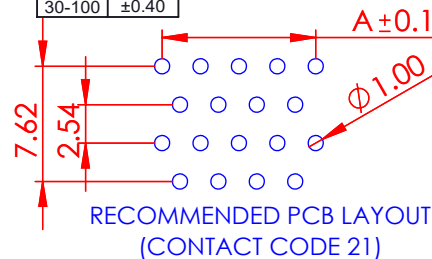
| TOLERANCE UNLESS OTHERWISE SPECIFIED |       |
|--------------------------------------|-------|
| 0-10                                 | ±0.20 |
| 10-30                                | ±0.30 |
| 30-100                               | ±0.40 |

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ISSUE NUMBER

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802-068-656-201

MOUNTING CODE

CONTACT CODE