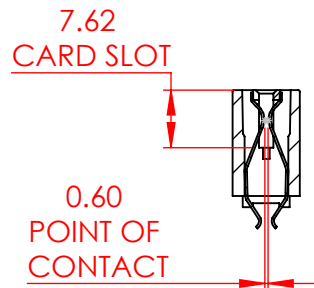
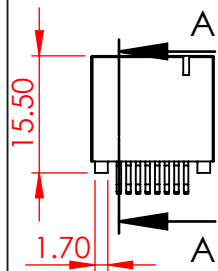
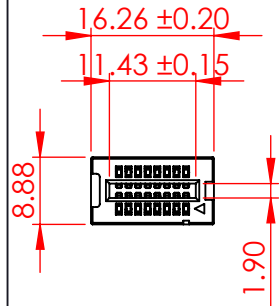


| TOLERANCE<br>UNLESS OTHERWISE<br>SPECIFIED |       |
|--------------------------------------------|-------|
| 0-10                                       | ±0.20 |
| 10-30                                      | ±0.30 |
| 30-100                                     | ±0.40 |

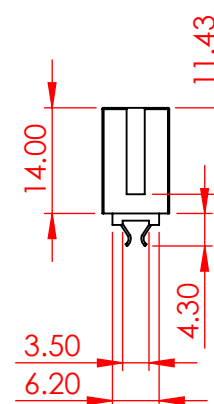
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| ISSUE NUMBER     |               |
|------------------|---------------|
| ORIGINAL         | ①             |
| UPDATE DIM TABLE |               |
| J.L.             | MAR.25/2024 ② |



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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### 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: 802-016-656-201  |                | ISSUE<br><br>2 |
| PART NUMBER: 802-016-656-201     |                |                |

| No. of Positions | Contact Code    |                 |                  |                  |                  |
|------------------|-----------------|-----------------|------------------|------------------|------------------|
|                  | Contact Code 21 | Contact Code 58 | Contact Code 99  |                  |                  |
|                  |                 |                 | Mounting Code 01 | Mounting Code 05 | Mounting 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

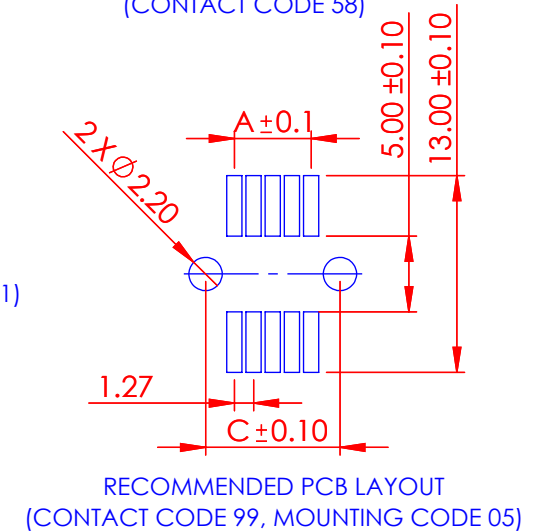
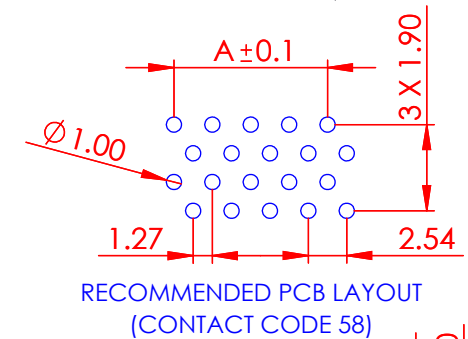
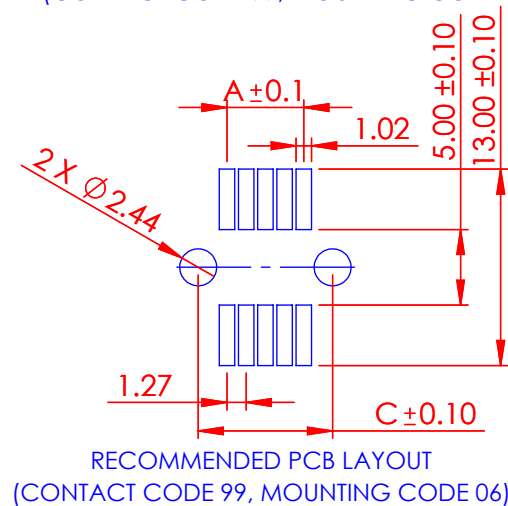
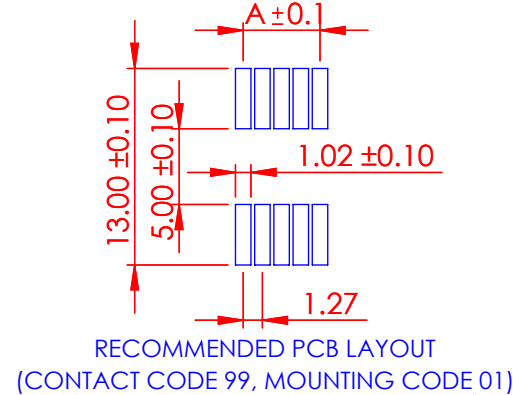
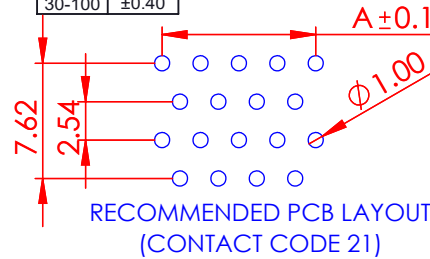
| TOLERANCE UNLESS OTHERWISE SPECIFIED |       |
|--------------------------------------|-------|
| 0-10                                 | ±0.20 |
| 10-30                                | ±0.30 |
| 30-100                               | ±0.40 |

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ISSUE NUMBER

SEE PAGE 1



802-016-656-201

MOUNTING CODE  
CONTACT CODE

|                                 |                |          |
|---------------------------------|----------------|----------|
| 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: 802-016-656-201 | ISSUE          |          |
| PART NUMBER: 802-016-656-201    | 2              |          |