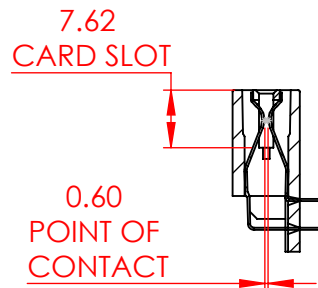
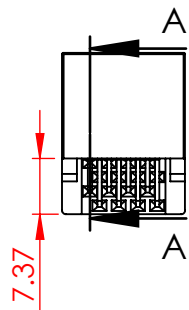
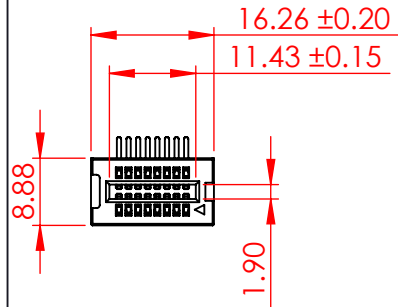


| TOLERANCE<br>UNLESS OTHERWISE<br>SPECIFIED |       |
|--------------------------------------------|-------|
| 0-10                                       | ±0.20 |
| 10-30                                      | ±0.30 |
| 30-100                                     | ±0.40 |

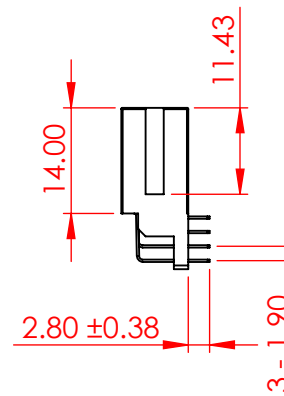
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| ISSUE NUMBER |   |
|--------------|---|
| ORIGINAL     | ① |



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: 460g MIN PER CONTACT  
INSERTION FORCE: 230g MAX PER CONTACT PAIR  
WITHDRAWAL FORCE: 15g MIN PER CONTACT PAIR

#### ENVIRONMENTAL

TEMPERATURE RANGE: -55°C TO +105°C

#### NOTE:

4 TO 124 POSITIONS ARE AVAILABLE EXCEPT 18, 28, 34, 38, 42 TO 46,  
54 TO 58 POSITIONS



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



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TORONTO, ONTARIO  
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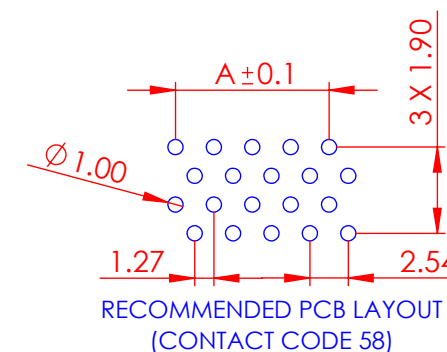
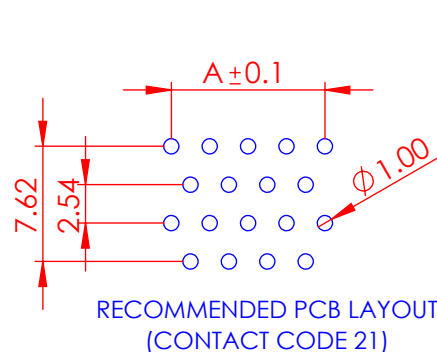
### 802 SERIES CARD EDGE CONNECTOR

|                                  |                    |          |
|----------------------------------|--------------------|----------|
| ACAD REFERENCE NO.: 802 Assembly |                    | UNIT: MM |
| DRAWN: J.L.                      | DATE: June 6, 2023 |          |
| CHECKED:                         | DATE:              |          |
| SCALE: 1:1                       | SHEET 1 OF 2       |          |
| DRAWING NUMBER: 802-016-658-201  | ISSUE              |          |
| PART NUMBER: 802-016-658-201     | 1                  |          |



| DIMENSION A |                 |                 |
|-------------|-----------------|-----------------|
| NO. OF POS. | CONTACT CODE 21 | CONTACT CODE 58 |
| 04          | 1.27            |                 |
| 06          | 2.54            |                 |
| 08          | 3.81            |                 |
| 10          | 5.08            |                 |
| 12          | 6.35            |                 |
| 14          | 7.62            |                 |
| 16          | 8.89            |                 |
| 20          | 11.43           |                 |
| 22          | 12.70           |                 |
| 24          | 13.97           |                 |
| 26          | 15.24           |                 |
| 30          | 17.78           |                 |
| 32          | 19.05           |                 |
| 36          | 21.59           |                 |
| 40          | 24.13           |                 |
| 48          | 29.21           |                 |
| 50          | 30.48           |                 |
| 52          | 31.75           |                 |
| 60          | 36.83           |                 |
| 68          | 41.91           | NA              |
| 70          | 43.18           | NA              |
| 80          | 49.53           |                 |
| 100         | 62.23           | NA              |
| 110         | 68.58           | NA              |
| 120         | 74.93           | NA              |
| 124         | 77.47           | NA              |

NA = NOT AVAILABLE



802-016-658-201

MOUNTING CODE

CONTACT CODE



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## 802 SERIES CARD EDGE CONNECTOR

ACAD REFERENCE NO.: 802 Assembly UNIT: MM

DRAWN: J.L. DATE: June 6, 2023

CHECKED: DATE:

SCALE: 1:1 SHEET 2 OF 2

DRAWING NUMBER: 802-016-658-201 ISSUE

PART NUMBER: 802-016-658-201 1