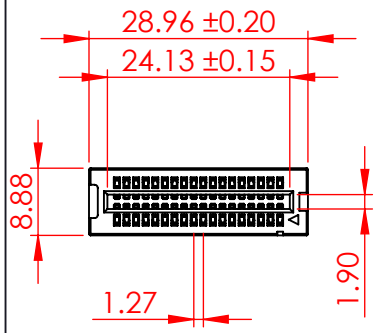
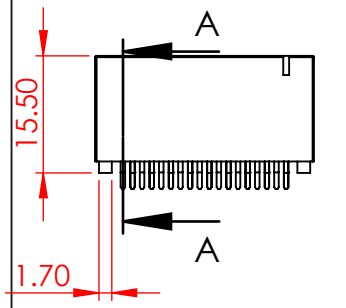
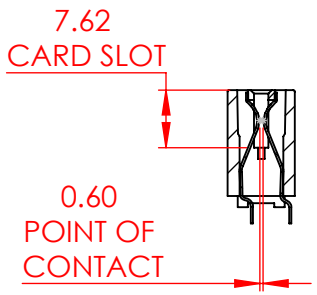
| TOLERANCE UNLESS OTHERWISE SPECIFIED | |
|---|---|
| 0-10 | ±0.20 |
| 10-30 | ±0.30 |
| 30-100 | ±0.40 |

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DO NOT MAKE MANUAL REVISIONS TO MASTER.

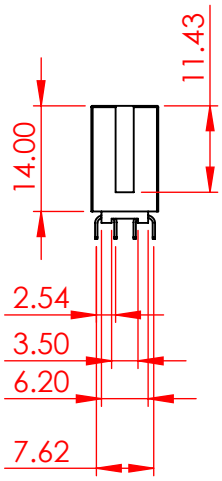
| ISSUE NUMBER | |
|---|---|
| ORIGINAL | 1 |




SECTION A-A
SCALE 1 : 1




SPECIFICATIONS:

| | |
|---|---|
| MATERIAL: | |
| HOUSING: | HI-TEMP THERMOPLASTIC, PPS |
| CONTACT: | COPPER ALLOY |
| PLATING: | GOLD FLASH PLATING ON CONTACT AREA, TIN PLATING ON SOLDERING AREA |
| ELECTRICAL | |
| VOLTAGE RATING: | 250 VAC RMS |
| CURRENT RATING: | 1A |
| DIELECTRIC 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:
8, 10, 12, 16, 20, 40, 50, 60, 80 AND 120 POSITIONS ARE AVAILABLE

RoHS COMPLIANT

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

# 802 SERIES CARD EDGE CONNECTOR

EDAC INC
TORONTO, ONTARIO
CANADA
YOUR CONNECTION TO QUALITY & SERVICE

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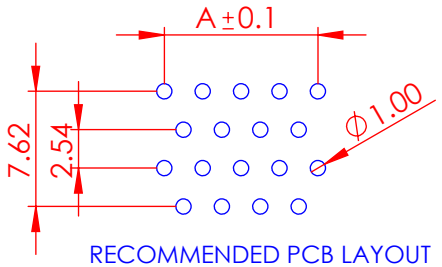
| | | | |
|---|---|---|---|
| ACAD REFERENCE NO.: | 802 Assembly | | UNIT: MM |
| DRAWN: J.L. | | DATE: June 6, 2023 | |
| CHECKED: | | DATE: | |
| SCALE: 1:1 | | SHEET 1 OF 2 | |
| DRAWING NUMBER: | 802-036-221-201 | | ISSUE 1 |
| PART NUMBER: | 802-036-221-201 | | |

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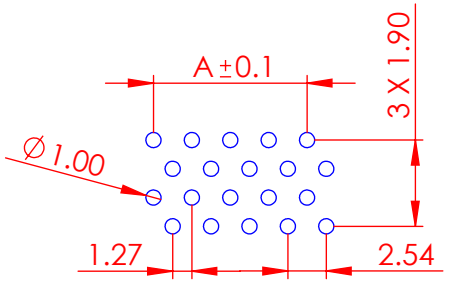
| ISSUE NUMBER | |
|---|---|
| ORIGINAL | 1 |

| | 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



RECOMMENDED PCB LAYOUT
(CONTACT CODE 21)



RECOMMENDED PCB LAYOUT
(CONTACT CODE 58)

802-036-221-201
- 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: 802-036-221-201 | | ISSUE 1 |
| PART NUMBER: 802-036-221-201 | | |

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