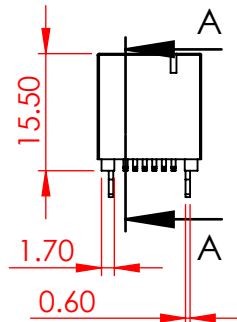
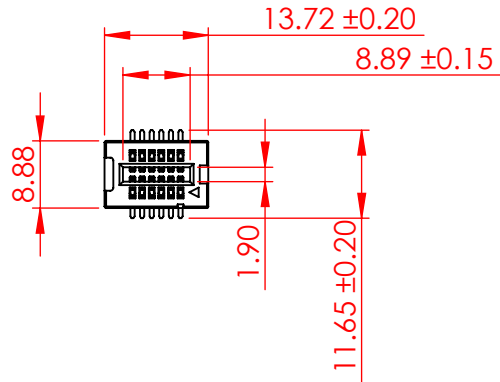


| TOLERANCE<br>UNLESS OTHERWISE<br>SPECIFIED |       |
|--------------------------------------------|-------|
| 0-10                                       | ±0.20 |
| 10-30                                      | ±0.30 |
| 30-100                                     | ±0.40 |

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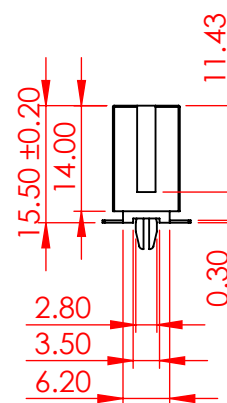
| ISSUE NUMBER |   |
|--------------|---|
| ORIGINAL     | ① |



7.62  
CARD SLOT

0.60  
POINT OF  
CONTACT

SECTION A-A  
SCALE 1 : 1



#### SPECIFICATIONS:

MATERIAL:  
HOUSING:  
CONTACT:  
PLATING:

HI-TEMP THERMOPLASTIC, PPS  
COPPER ALLOY  
GOLD FLASH PLATING ON CONTACT AREA,  
TIN PLATING ON SOLDERING AREA

ELECTRICAL  
VOLTAGE RATING:  
CURRENT RATING:  
DIELECTRIC

250 VAC RMS  
1A

WITHSTANDING VOLTAGE:  
INSULATION RESISTANCE:  
CONTACT RESISTANCE:

500VAC RMS 60Hz FOR 60s  
1000 MEGA OHMS MIN AT 500VDC  
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

#### NOTE:

8, 10, 12, 16, 20, 40, 50, 60, 80 AND 120 POSITIONS ARE AVAILABLE



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THE EUROPEAN UNION DIRECTIVES  
2011/65/EU FOR RoHS COMPLIANCY.



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EDAC INC  
TORONTO, ONTARIO  
CANADA

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### 302 SERIES CARD EDGE CONNECTOR

|                                  |                    |          |
|----------------------------------|--------------------|----------|
| ACAD REFERENCE NO.: 302 Assembly |                    | UNIT: MM |
| DRAWN: J.L.                      | DATE: June 6, 2023 |          |
| CHECKED:                         | DATE:              |          |
| SCALE: 1:1                       | SHEET 1 OF 2       |          |
| DRAWING NUMBER: 302-012-299-206  | ISSUE              |          |
| PART NUMBER: 302-012-299-206     | 1                  |          |

| NO. OF<br>POS. | DIMENSION A        |                    |                    | DIMENSION C         |                     |
|----------------|--------------------|--------------------|--------------------|---------------------|---------------------|
|                | CONTACT<br>CODE 21 | CONTACT<br>CODE 58 | CONTACT<br>CODE 99 | MOUNTING<br>CODE 05 | MOUNTING<br>CODE 06 |
| 04             |                    | 1.27*              |                    | 5.08                | NA                  |
| 06             |                    | 2.54*              |                    | 6.35                | NA                  |
| 08             |                    | 3.81               |                    | 7.62                | 7.62                |
| 10             |                    | 5.08               |                    | 8.89                | 8.89                |
| 12             |                    | 6.35               |                    | 10.16               | 10.16               |
| 14             |                    | 7.62*              |                    | 11.43               | NA                  |
| 16             |                    | 8.89               |                    | 12.70               | 12.70               |
| 20             |                    | 11.43              |                    | 15.24               | 15.24               |
| 22             |                    | 12.70*             |                    | 16.51               | NA                  |
| 24             |                    | 13.97*             |                    | 17.78               | NA                  |
| 26             |                    | 15.24*             |                    | 19.05               | NA                  |
| 30             |                    | 17.78*             |                    | 21.59               | NA                  |
| 32             |                    | 19.05*             |                    | 22.86               | NA                  |
| 36             |                    | 21.59*             |                    | 25.40               | NA                  |
| 40             |                    | 24.13              |                    | 27.94               | 27.94               |
| 48             |                    | 29.21*             |                    | 33.02               | NA                  |
| 50             |                    | 30.48              |                    | 34.29               | 34.29               |
| 52             |                    | 31.75*             |                    | 35.56               | NA                  |
| 60             |                    | 36.83              |                    | 40.64               | 40.64               |
| 68             | 41.91              | NA                 | 41.91*             | 45.72               | NA                  |
| 70             | 43.18              | NA                 | 43.18*             | 46.99               | NA                  |
| 80             |                    | 49.53              |                    | 53.34               | 53.34               |
| 100            | 62.23              | NA                 | 62.23*             | 66.04               | NA                  |
| 110            | 68.58              | NA                 | 68.58*             | 72.39               | NA                  |
| 120            | 74.93              | NA                 | 74.93              | 78.74               | 78.74               |
| 124            | 77.47              | NA                 | 77.47*             | 81.28               | NA                  |

\*NOT AVAILABLE FOR CONTACT CODE 99 WITH MOUNTING CODE 06

NA = NOT AVAILABLE

302-012-299-206

MOUNTING CODE

CONTACT CODE



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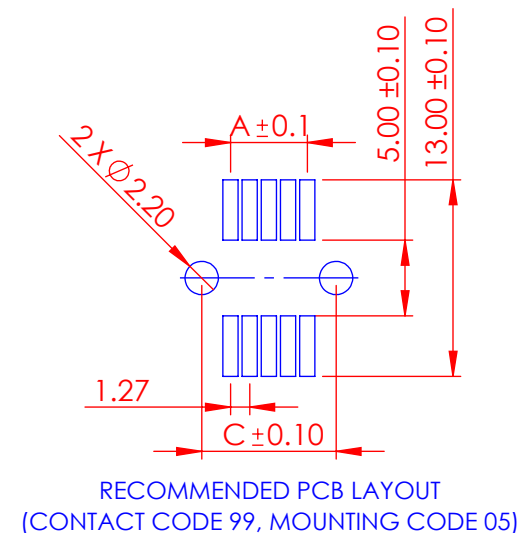
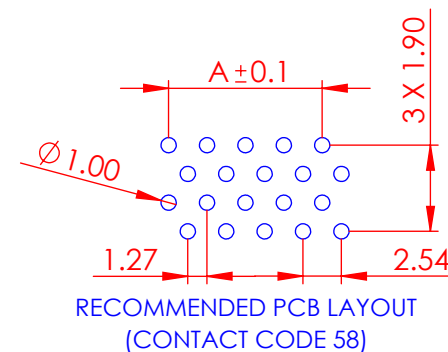
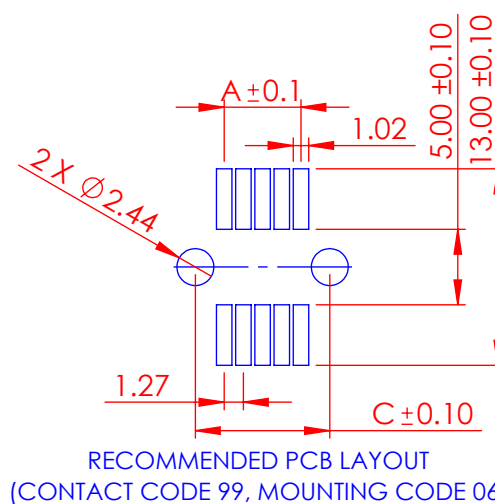
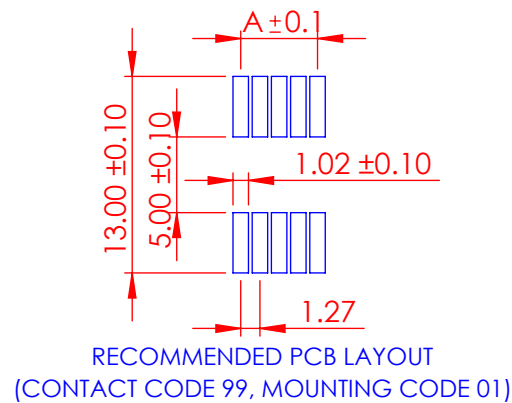
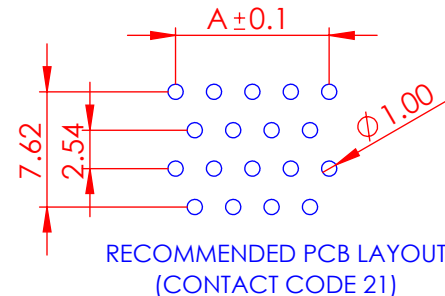
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ISSUE NUMBER

ORIGINAL

1



## 302 SERIES CARD EDGE CONNECTOR

|                                 |                    |          |
|---------------------------------|--------------------|----------|
| ACAD REFERENCE NO.:             | 302 ASSEMBLY       | UNIT: MM |
| DRAWN: J.L.                     | DATE: June 6, 2023 |          |
| CHECKED:                        | DATE:              |          |
| SCALE: 1:1                      | SHEET 2 OF 2       |          |
| DRAWING NUMBER: 302-012-299-206 | ISSUE              |          |
| PART NUMBER: 302-012-299-206    | 1                  |          |