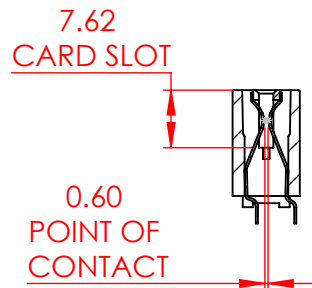
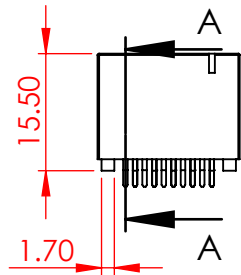
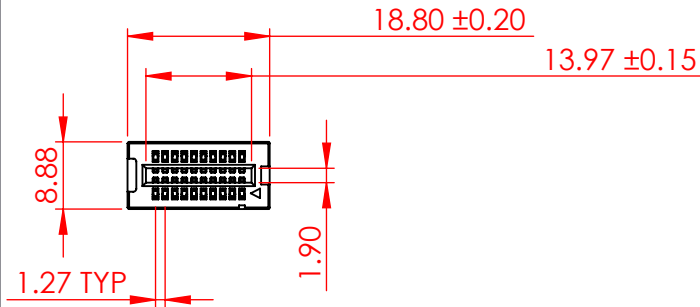


| TOLERANCE<br>UNLESS OTHERWISE<br>SPECIFIED |       |
|--------------------------------------------|-------|
| 0-10                                       | ±0.20 |
| 10-30                                      | ±0.30 |
| 30-100                                     | ±0.40 |

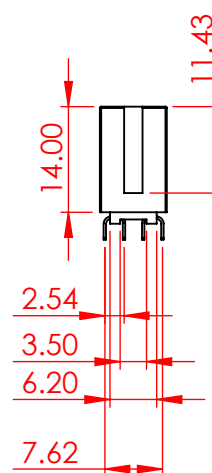
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| ISSUE NUMBER |   |
|--------------|---|
| ORIGINAL     | ① |



SECTION A-A  
SCALE 1 : 1



#### SPECIFICATIONS:

MATERIAL:  
HOUSING:  
CONTACT:  
PLATING:

GLASS REINFORCED THERMOPLASTIC, PA66  
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:  
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 +85°C

#### NOTE:

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



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



YOUR CONNECTION TO QUALITY & SERVICE

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: 302-020-621-201  | ISSUE              |          |
| PART NUMBER: 302-020-621-201     | 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

302-020-621-201

MOUNTING CODE

CONTACT CODE



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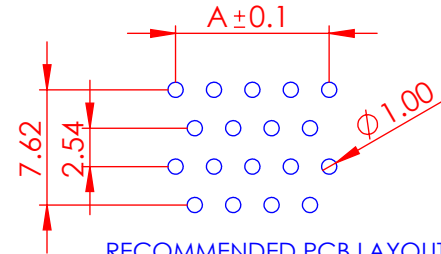
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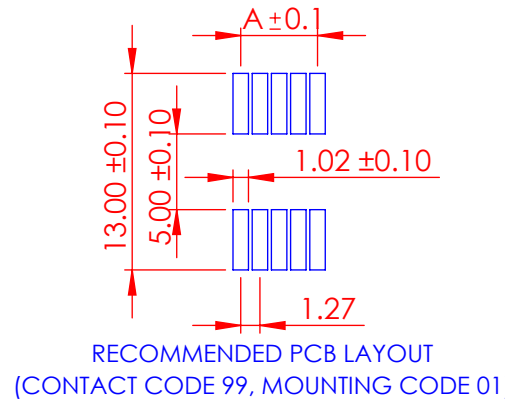
ISSUE NUMBER

ORIGINAL

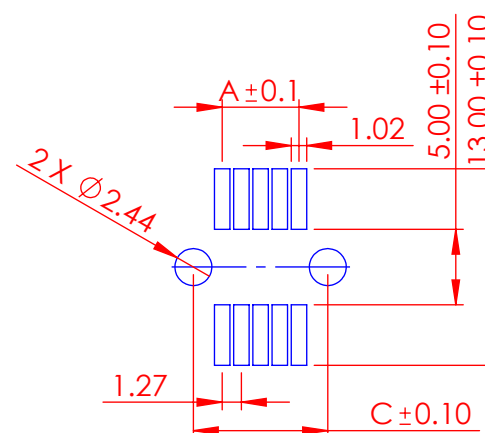
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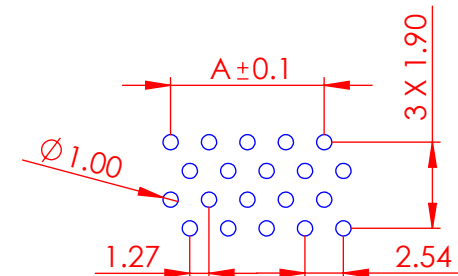
RECOMMENDED PCB LAYOUT  
(CONTACT CODE 21)



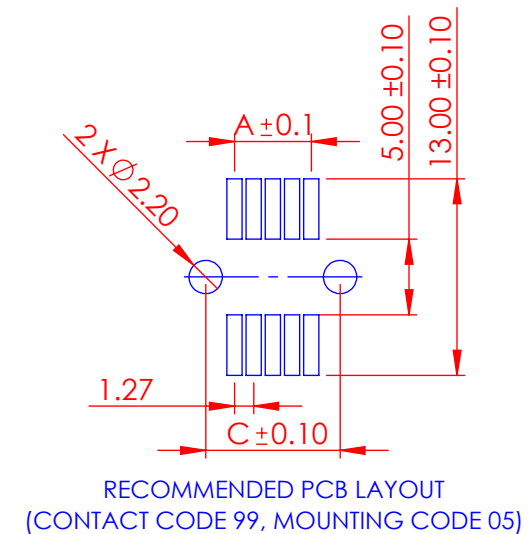
RECOMMENDED PCB LAYOUT  
(CONTACT CODE 99, MOUNTING CODE 01)



RECOMMENDED PCB LAYOUT  
(CONTACT CODE 99, MOUNTING CODE 06)



RECOMMENDED PCB LAYOUT  
(CONTACT CODE 58)



RECOMMENDED PCB LAYOUT  
(CONTACT CODE 99, MOUNTING CODE 05)

## 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: 302-020-621-201 ISSUE

PART NUMBER: 302-020-621-201 1