

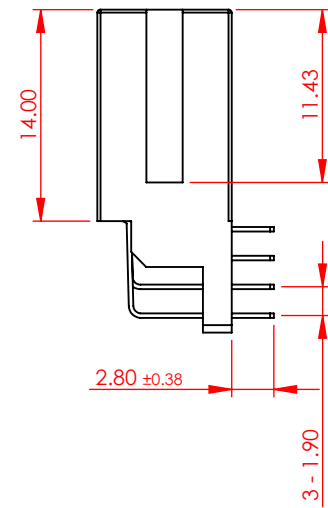
SECTION A-A

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

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| ISSUE NUMBER | |
|----------------|---------------|
| ORIGINAL | ① |
| REMOVE CODE 99 | |
| J.L. | MAR.22/2024 ② |



SPECIFICATIONS:

| | |
|------------------------|--|
| MATERIAL: | GLASS REINFORCED THERMOPLASTIC, PA66 |
| CONTACT: | COPPER ALLOY |
| PLATING: | 30μ" GOLD 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 +85°C |



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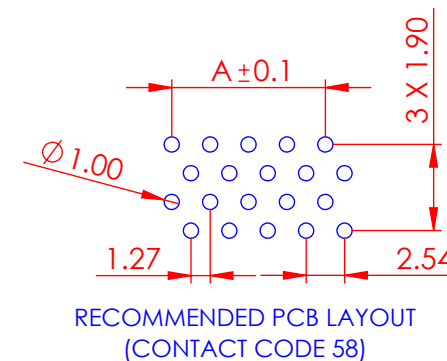
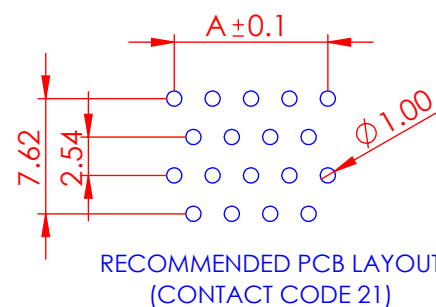
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| | | | | |
|--------------------------------|--|---------------------|-----------------|----------------|
| 302 SERIES CARD EDGE CONNECTOR | | ACAD REFERENCE NO.: | 302 Assembly | UNIT: MM |
| | | DRAWN: | J.L. | DATE: 06/06/23 |
| | | CHECKED: | R.S.M. | DATE: 04/09/24 |
| | | SCALE: | 2:1 | SHEET 1 OF 2 |
| | | DRAWING NUMBER: | 302-012-658-201 | ISSUE 2 |
| | | PART NUMBER: | 302-012-658-201 | |



| 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



302-012-658-201

MOUNTING CODE

CONTACT CODE



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302 SERIES CARD EDGE CONNECTOR

ACAD REFERENCE NO.: 302 Assembly UNIT: MM

DRAWN: J.L. DATE: 06/06/23

CHECKED: R.S.M. DATE: 04/11/24

SCALE: N.T.S. SHEET 2 OF 2

DRAWING NUMBER: 302-012-658-201 ISSUE

PART NUMBER: 302-012-658-201 2