

### Mounting Option

08-#4-40 Unified Threaded Inserts

### Contact Detail

520-P.C. Tail .030x.018(0.76x0.46) - Tail LG=.175(4.45)

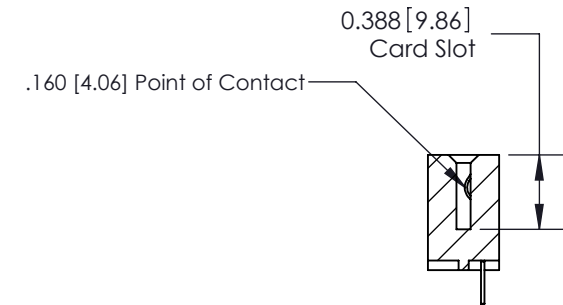
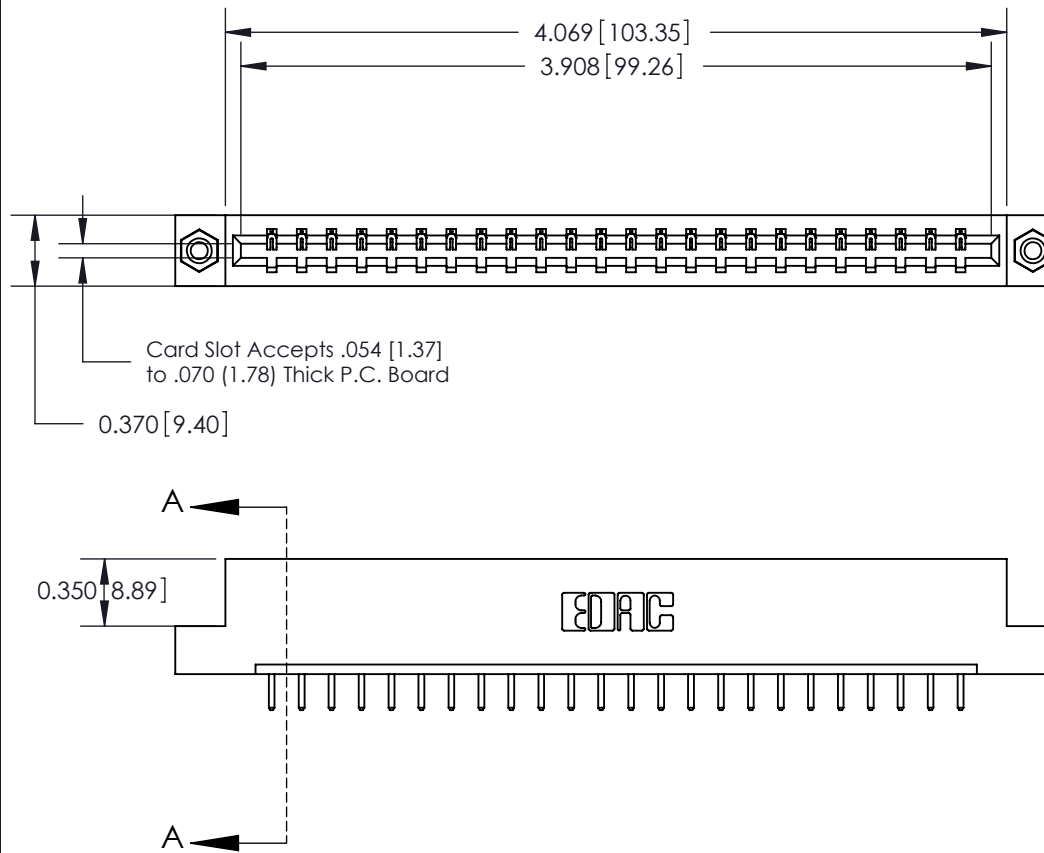
.156 [3.96] Contact Spacing x .200 [5.08] Row Spacing

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ISSUE NUMBER

ORIGINAL



SECTION A-A

See Accompanying Page for:

- Bend Detail
- Mounting Options
- Features and Specifications

333 Series Card Edge Connector

Part Number: 333-024-520-108



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TORONTO, ONTARIO  
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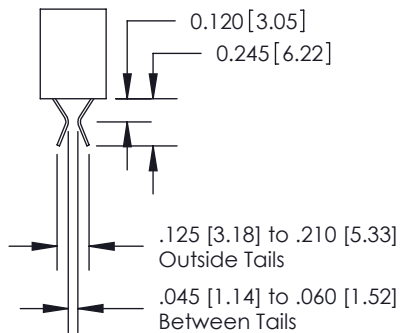
SCALE: NTS SHEET 1 OF 4

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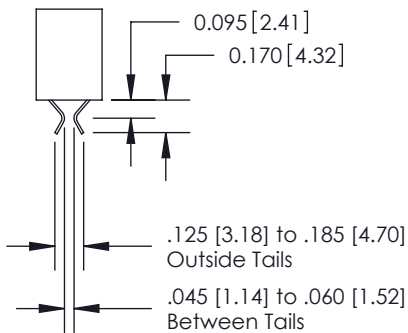
333 Assembly

ISSUE

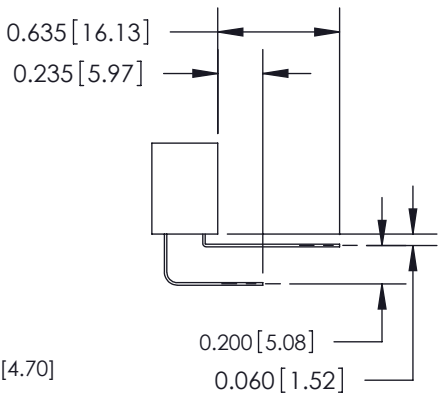
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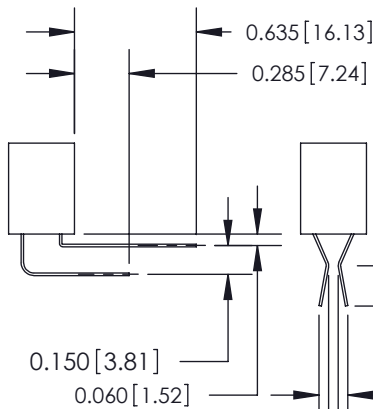
555 Contact Code



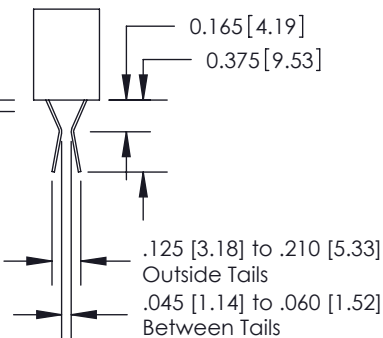
556 Contact Code



558 Contact Code



559 Contact Code



560 Contact Code

### 333 Series Card Edge Connector Contact Bend Detail



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333 Assembly

1

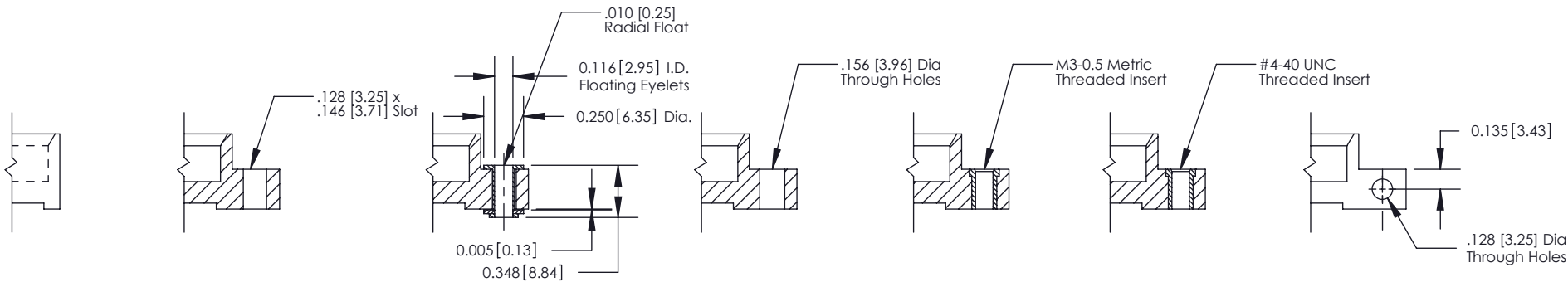
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1



Code x01

Code x02

Code x03

Code x04

Code x07

Code x08

Code x12

### 333 Series Card Edge Connector Mounting Options



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SHEET 3 OF 4

DRAWING NUMBER

333 Assembly

ISSUE

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**Features**

- .156 (3.96) Contact Spacing x .200 (5.08) Row Spacing
- Accepts .062 (1.57) Nominal Thickness P.C. Board
- High Profile Insulator Body .600 (15.24)
- Contact Termination Options include P.C. Tail, Wire Hole, Wire Wrap, 90 Degree, & Extender Board Bends
- Single or Dual Row Configurations
- Variety of Mounting Options, Flush or Offset Lugs
- Accepts Between Contact and In-Contact Polarizing Keys

**Specifications**

- Insulator Material: Thermoplastic Polyester, UL 94V-0, Colour: Green
- Contact Material: Copper, Nickel, Tin Alloy CA-725
- Contact Plating: Gold on the Mating Area, Tin on the Contact Tails, Nickel Underplate
- Current Rating: 3 Amperes Continuous
- Contact Resistance: 10 Milliohms Maximum
- Dielectric Withstanding Voltage: 1800 V AC rms at Sea Level Between Adjacent Contacts
- Insulation Resistance: 5000 Megohms Minimum
- Operating Temperature: -65 to +105 Degrees C
- Insertion Force: 16 oz (4.45 N) Maximum per Contact Pair when Tested with a .070 (1.78) Thick Gauge
- Withdrawal Force: 1 oz (0.28 N) Minimum per Contact Pair when Tested with a .054 (1.37) Thick Gauge

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| 333 Series Card Edge Connector<br>Features and Specifications                                                                                                          | ACAD REFERENCE NO. 333 ENG MASTER                                                                                                                                                                |                  |
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|                                                                                                                                                                        | SCALE: NTS                                                                                                                                                                                       | SHEET 4 OF 4     |
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|                                                                                                                                                                        | DRAWING NUMBER<br>333 Assembly                                                                                                                                                                   | ISSUE<br>1       |