

Mounting Option

.344 (8.74) Offset Card Guides

Contact Detail

90 Degree Bend (Code 522 and 540 Contacts)

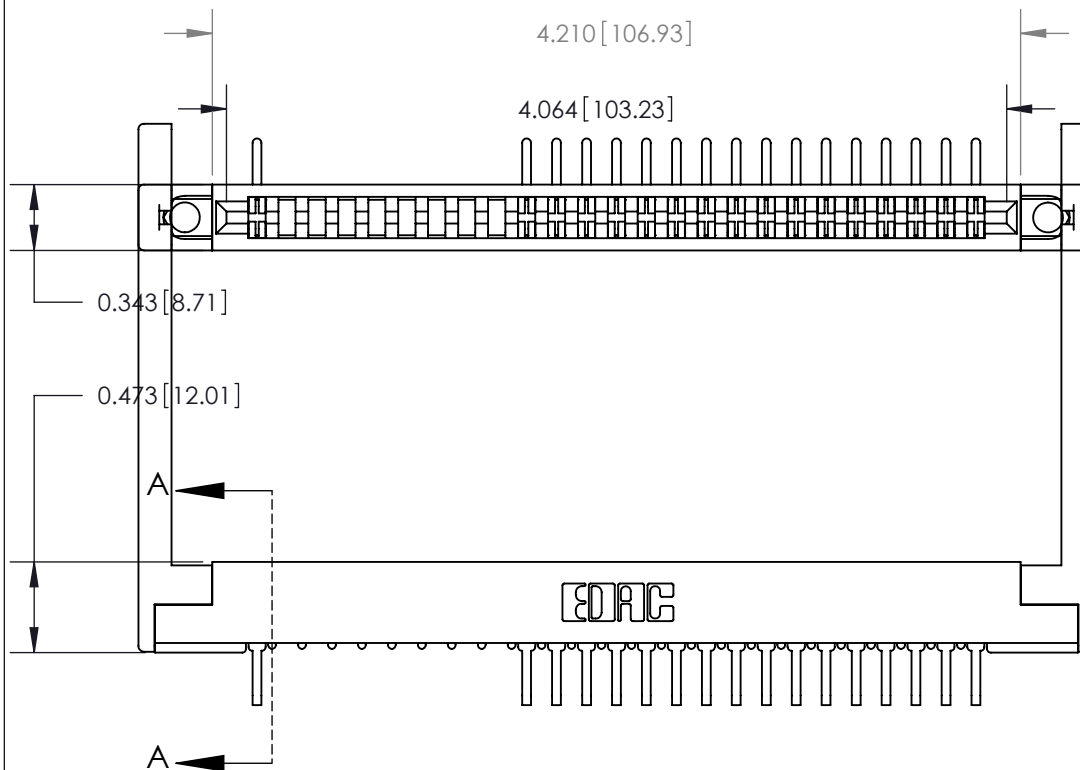
.156 [3.96] Contact Spacing x .200 [5.08] Row Spacing

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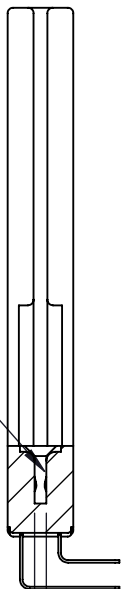
ISSUE NUMBER

ORIGINAL



.175 [4.45] Point of Contact
(Measured from bottom of Card Slot)

Card Slot Accepts .054 [1.37]
to .070 [1.78] Thick P.C. Board



SECTION A-A

See Accompanying Pages for:

- Contact Bend Details
- Mounting Options
- Features and Specifications

807 Series High Temp Card Edge Connector

Part Number: 807-025-558-168



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DRAWING NUMBER ISSUE

807 Assembly

1

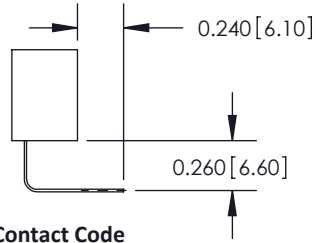
Single Row Contacts - Read One Side of Daughter Board

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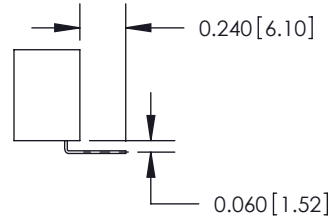


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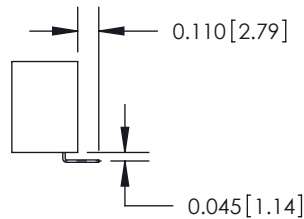


558 Contact Code

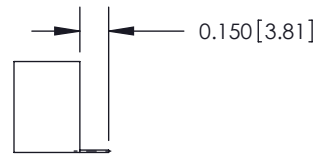


559 Contact Code

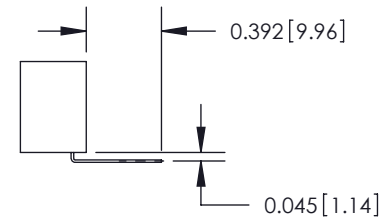
Single Row Contacts - Read Both Sides of Daughter Board



553 Contact Code

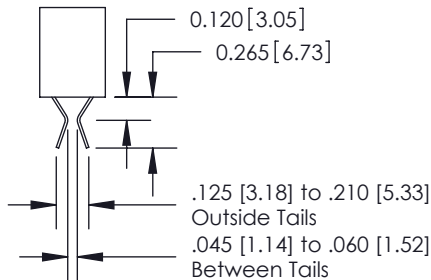


554 Contact Code

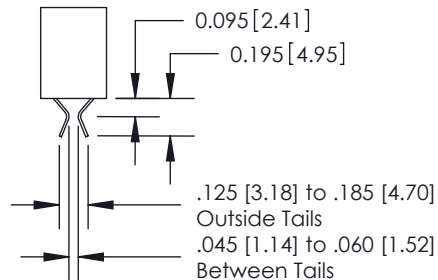


557 Contact Code

Dual Row Contacts - Read Both Sides of Daughter Board

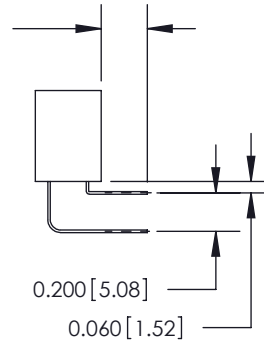


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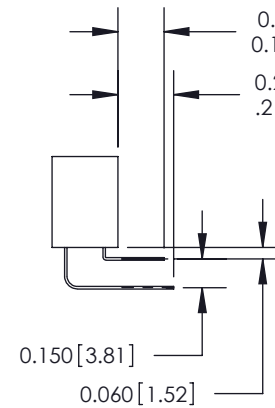
556 Contact Code

0.240 [6.10] Up to 27/54 Pin
0.162 [4.11] 28/56 and Over

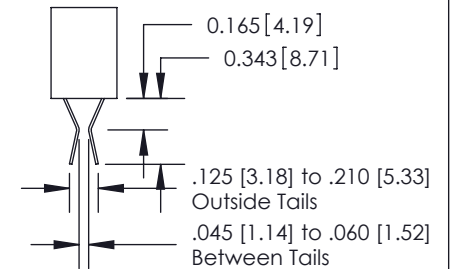


558 Contact Code

0.240 [6.10] Up to 27/54 Pin
0.162 [4.11] 28/56 and Over
0.290 [7.37] Up to 27/54 Pin
.212 [5.38] 28/56 and Over



559 Contact Code



560 Contact Code

807 Series High Temp Card Edge Connector Contact Bend Detail



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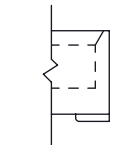
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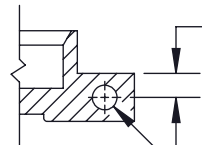


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ORIGINAL

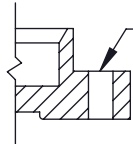


Code x01



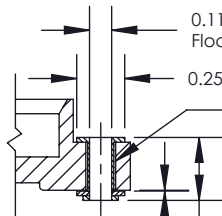
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0.125 [3.18]
.128 [3.25] Dia Through Holes



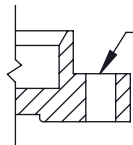
Code x02

.128 [3.25] Dia Through Holes



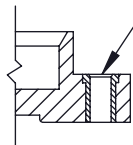
Code x03

0.116 [2.95] I.D. Floating Eyelets
0.250 [6.35] Dia.
.010 [0.25] Radial Float
0.328 [8.33]
0.005 [0.13]



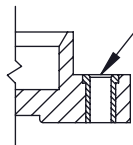
Code x04

.156 [3.96] Dia Through Holes



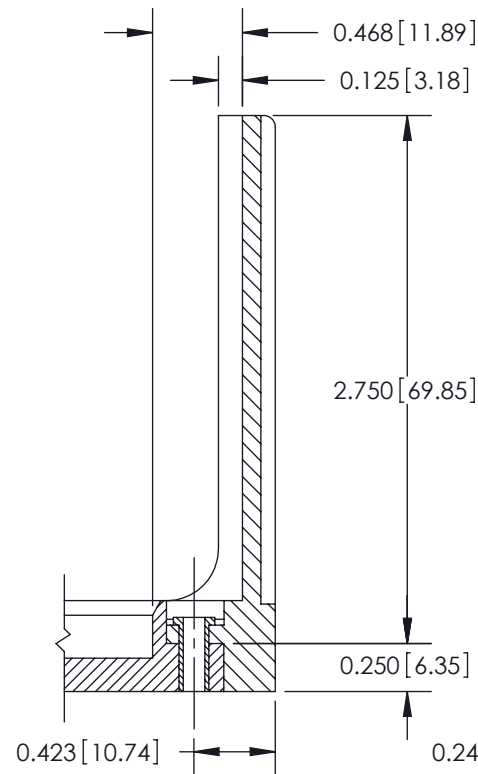
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M3-0.5 Metric Threaded Insert

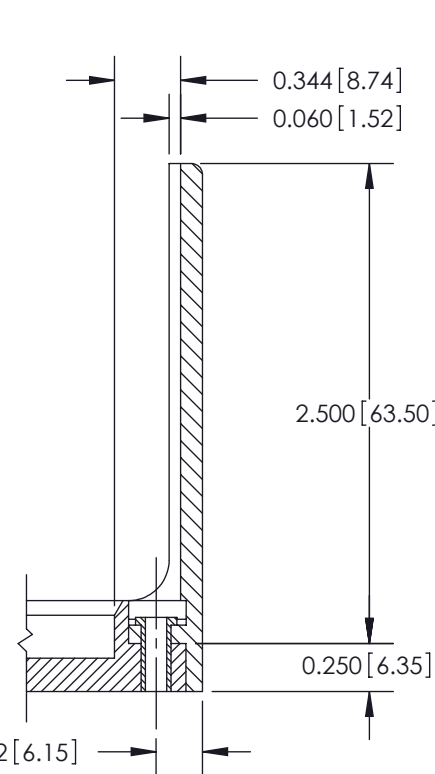


Code x08

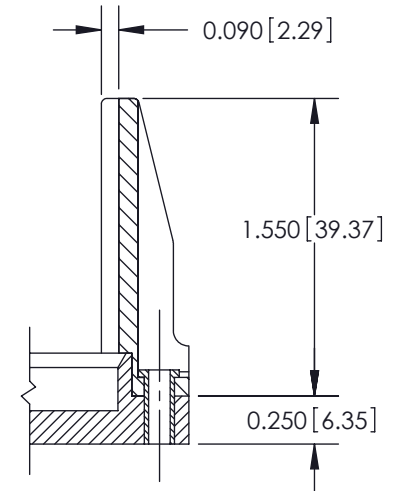
#4-40 UNC Threaded Insert



Code x58



Code x68



Code x78

807 Series High Temp Card Edge Connector Mounting Options



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SHEET 3 OF 4

DRAWING NUMBER

807 Assembly

ISSUE

1



Features

- CSA Approved and UL Recognized
- .156 (3.96) Contact Spacing x .200 (5.08) Row Spacing
- Accepts .062 (1.57) Nominal Thickness P.C. Board
- Low Profile Insulator Body .473 (12.01), with Card Guides
- Contact Termination Options include P.C. Tail, Wire Hole, Wire Wrap, 90 Degree & Extender Board Bends
- Single or Dual Row Configurations
- Large Variety of Mounting Options
- Pre-assembled Card Guides Available
- Accepts Between Contact and In-Contact Polarizing Keys

Specifications

- Insulator Material: DAP
- Contact Material: Copper, Nickel, Tin Alloy CA-725
- Contact Plating: Gold on the Mating Area, Tin on the Contact Tails, Nickel Underplate
- Current Rating: 5 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 +165 °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

807 Series High Temp Card Edge Connector Features and Specifications			ACAD REFERENCE NO. 807 ENG MASTER		
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