

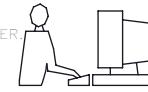
**Mounting Option**

07-M3-0.5 Metric Threaded Inserts

**Contact Detail**

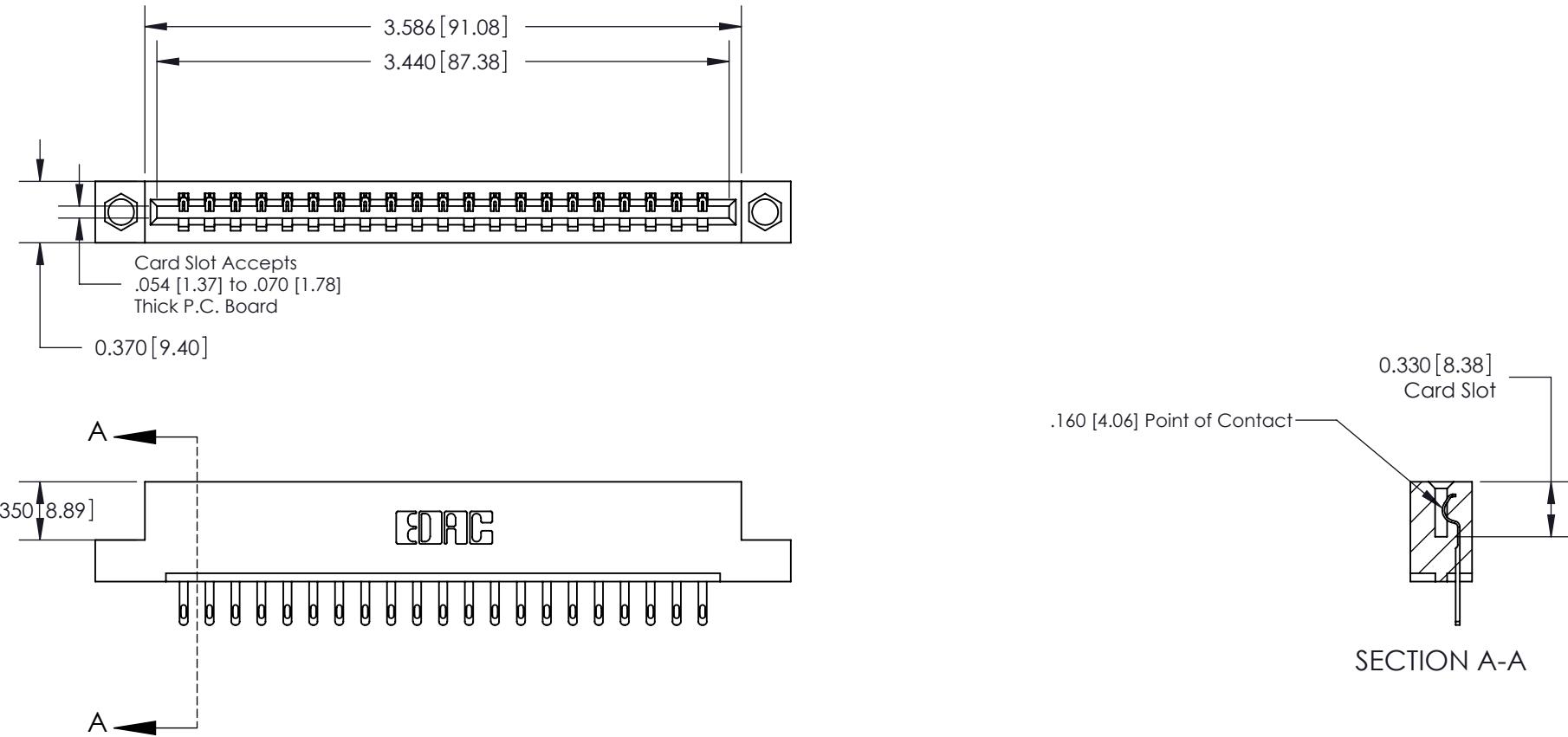
500-Wire Hole .050x.025(1.27x0.64) - Tail LG=.260(6.60)

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

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See Accompanying Pages for:

- Contact Bend Details
- Mounting Options
- Features and Specifications

837 Series High Temp Card Edge Connector  
Part Number: 887-021-500-107



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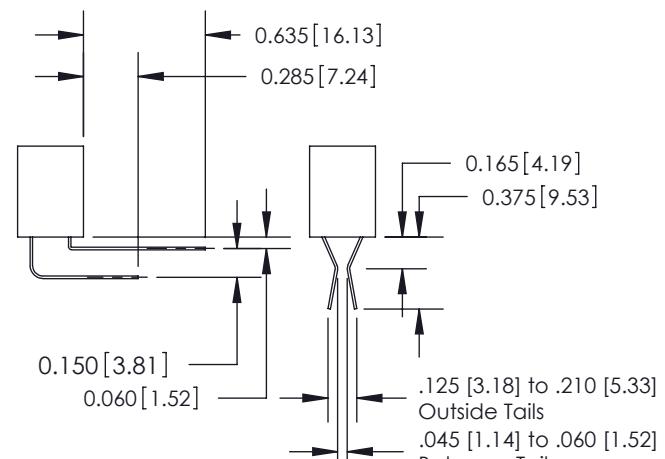
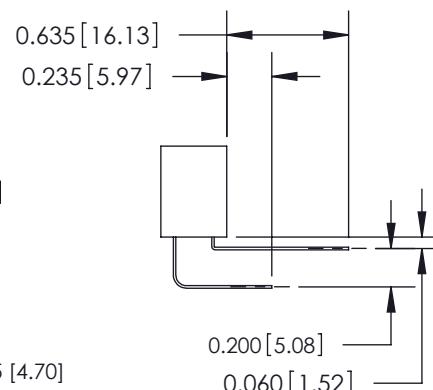
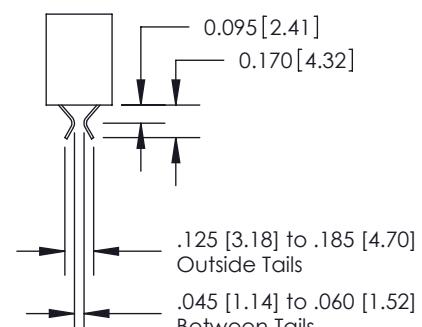
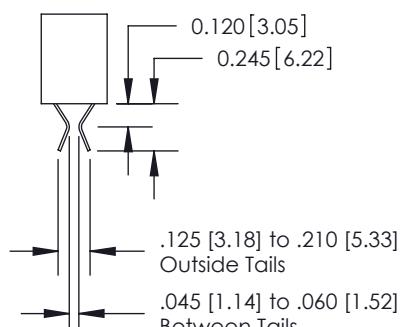
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555 Contact Code

556 Contact Code

558 Contact Code

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560 Contact Code

837 Series High Temp Card Edge Connector  
Contact Bend Detail



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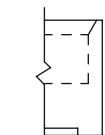
837 Assembly

1

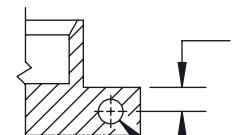
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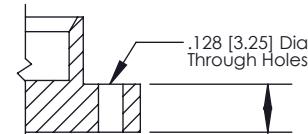


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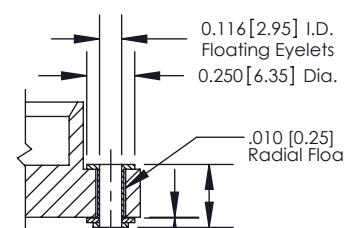
Code x12

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



Code x02

.128 [3.25] Dia  
Through Holes  
0.250 [6.35]

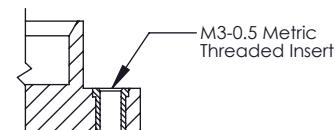


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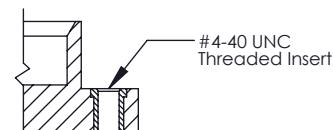


Code x04

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]



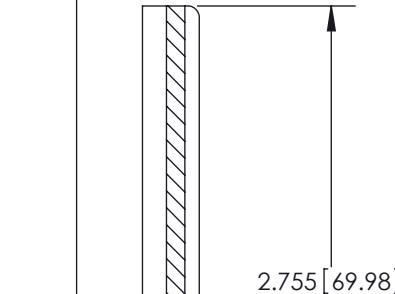
Code x07



Code x08

#4-40 UNC  
Threaded Insert

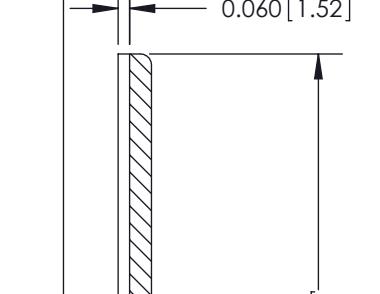
0.468 [11.89]  
0.125 [3.18]



Code x58

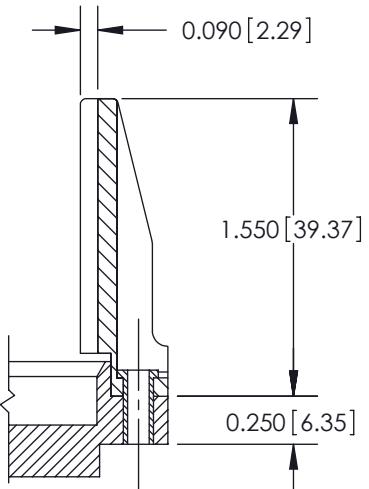
2.755 [69.98]  
0.250 [6.35]  
0.423 [10.74]

0.344 [8.74]  
0.060 [1.52]



Code x68

2.505 [63.63]  
0.250 [6.35]



Code x78

### 837 Series High Temp Card Edge Connector Mounting Options



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SHEET	3 OF 4
DRAWING NUMBER	837 Assembly
ISSUE	1

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## **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
- 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
- Large Variety of Mounting Options, Flush or Offset Lugs
- 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: 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 +165 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

### 837 Series High Temp Card Edge Connector Features and Specifications



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