

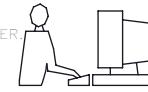
Mounting Option

12-.128 (3.25) Dia. Side Mounting Holes

Contact Detail

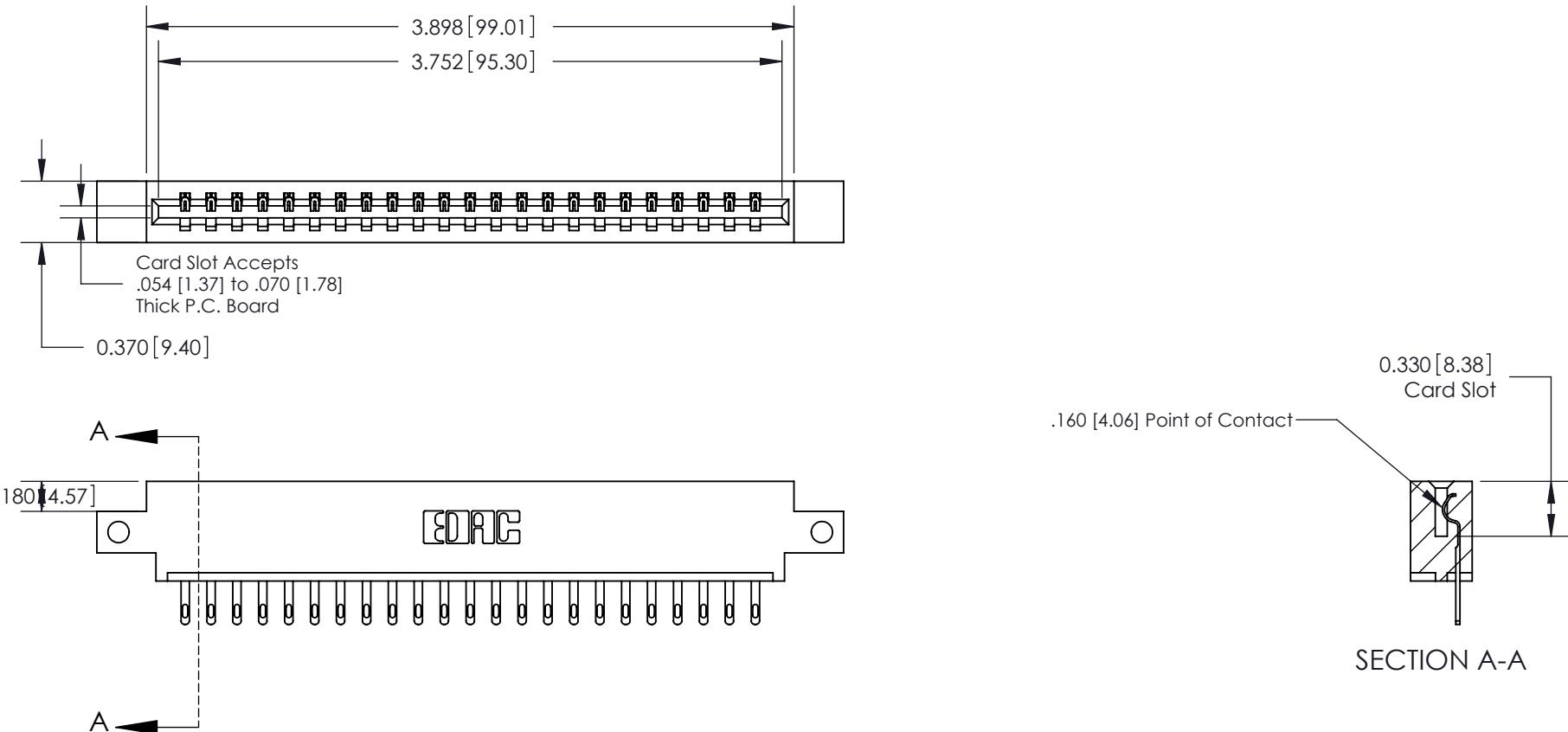
500-Wire Hole .050x.025(1.27x0.64) - Tail LG=.260(6.60)

.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: 887-023-500-612



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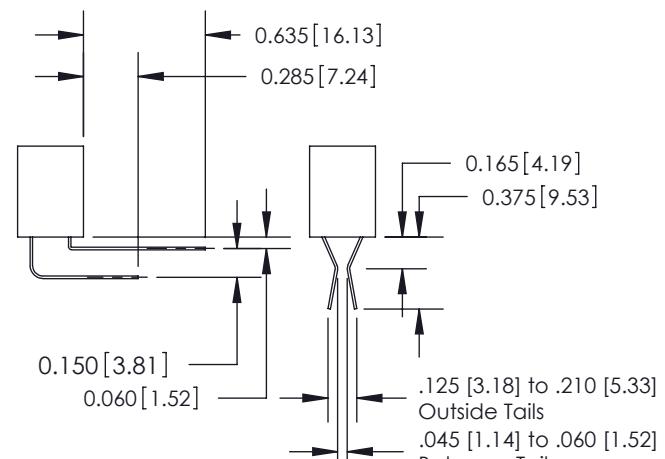
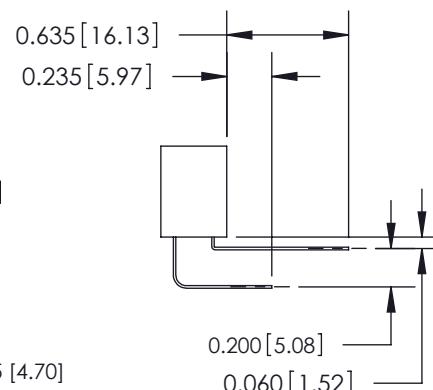
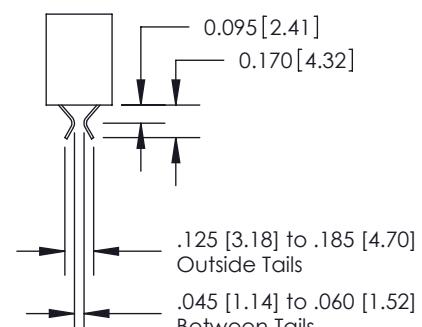
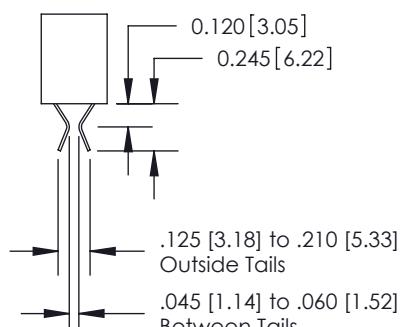
837 Assembly

ISSUE
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555 Contact Code

556 Contact Code

558 Contact Code

559 Contact Code

560 Contact Code

837 Series High Temp Card Edge Connector
Contact Bend Detail



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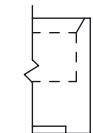
837 Assembly

ISSUE 1

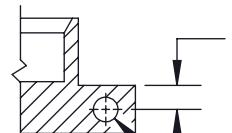
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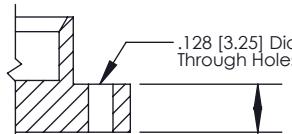


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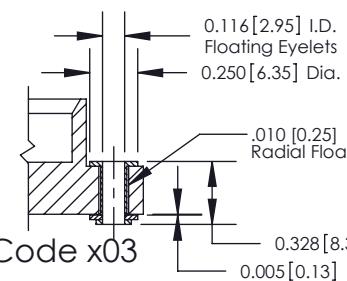
Code x12

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



Code x02

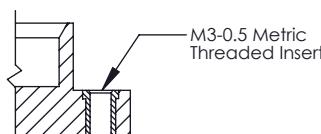
.128 [3.25] Dia
Through Holes
0.250 [6.35]



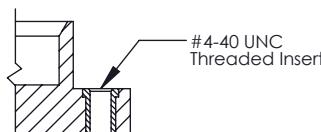
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Code x04

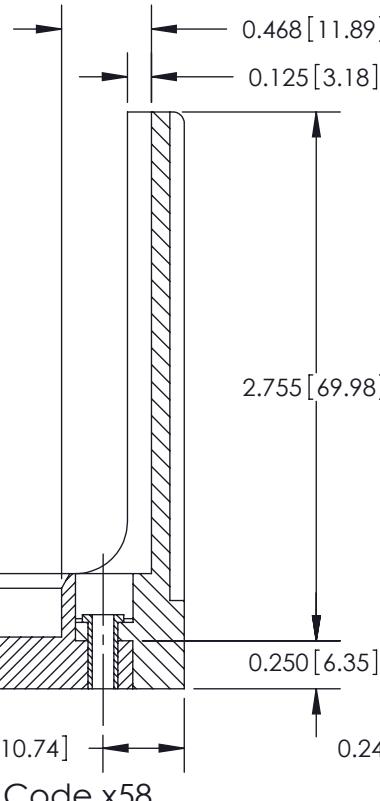


Code x07



Code x08

#4-40 UNC
Threaded Insert



Code x58

837 Series High Temp Card Edge Connector Mounting Options



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0.468 [11.89]
0.125 [3.18]

0.344 [8.74]
0.060 [1.52]

0.090 [2.29]

2.755 [69.98]

2.505 [63.63]

1.550 [39.37]

0.250 [6.35]

Code x68

Code x78

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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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