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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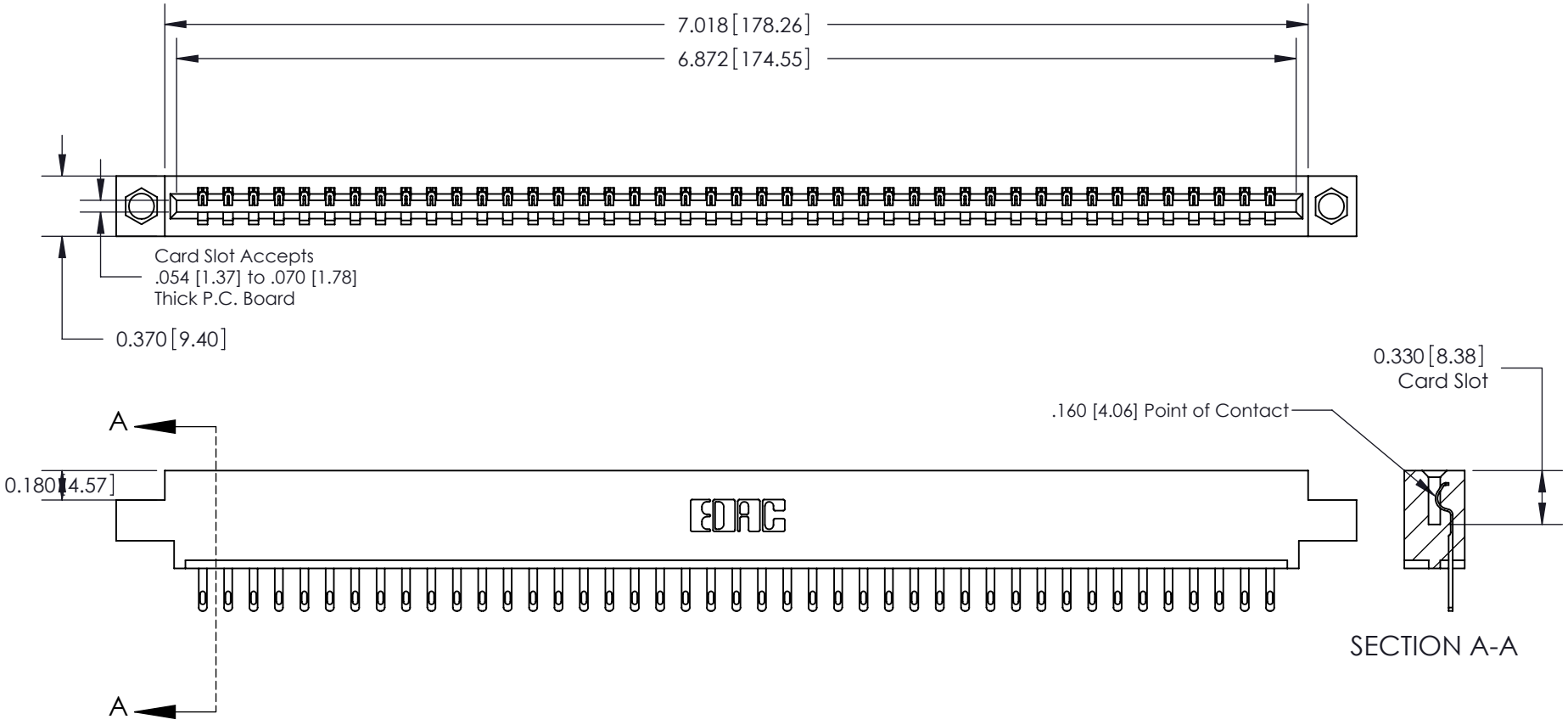
ISSUE NUMBER
ORIGINAL ①



See Accompanying Pages for:
- **Contact Bend Details**
- **Mounting Options**
- **Features and Specifications**

837 Series High Temp Card Edge Connector
Part Number: 887-043-500-607

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ACAD REFERENCE NO.	837 ENG MASTER		
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DRAWING NUMBER		ISSUE	
837 Assembly		1	

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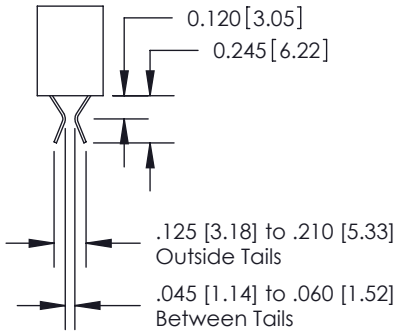
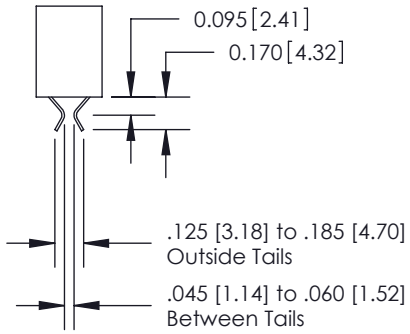


555 Contact Code



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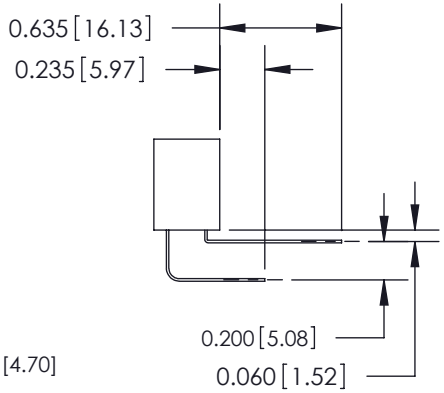

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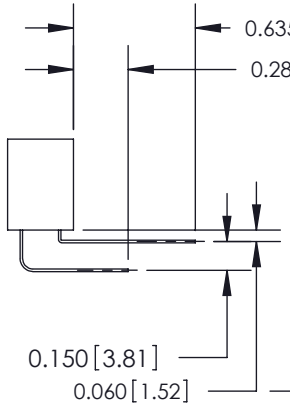

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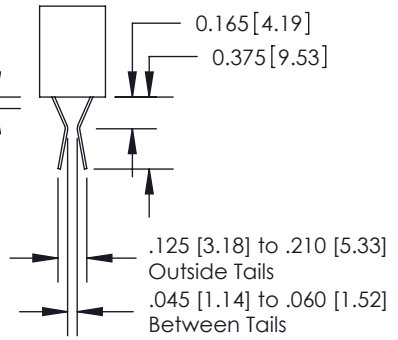

560 Contact Code

837 Series High Temp Card Edge Connector Contact Bend Detail

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DRAWING NUMBER 837 Assembly	ISSUE 1

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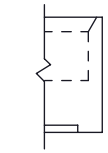

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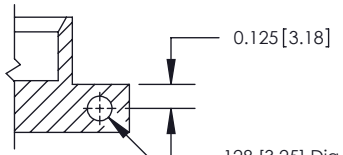

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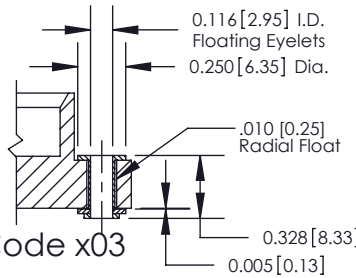

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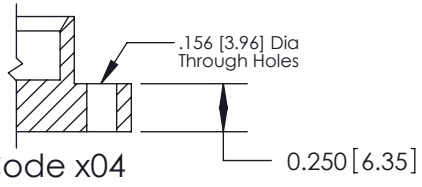

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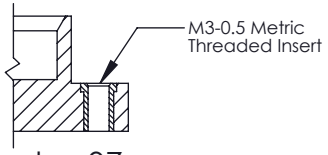

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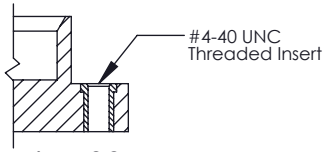

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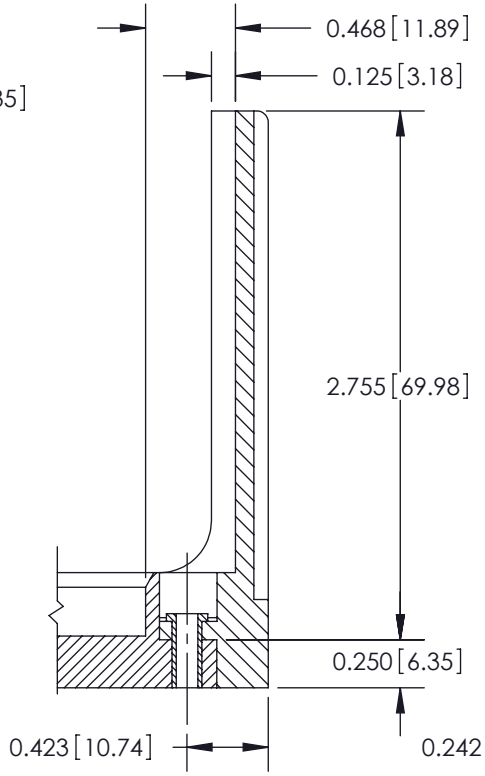

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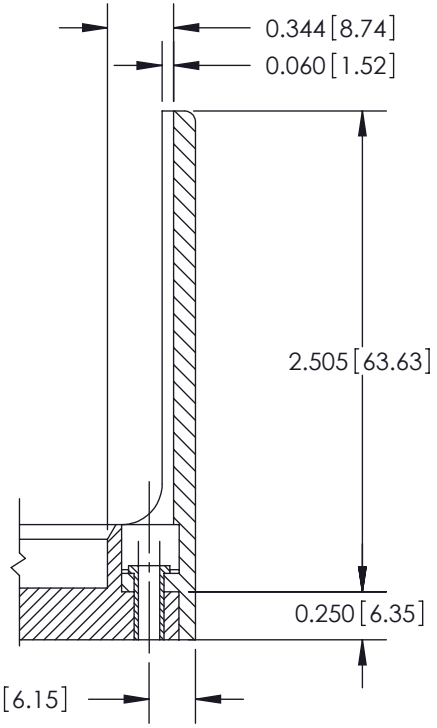

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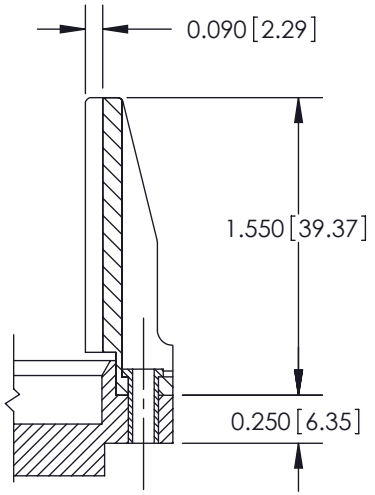

Code x78

837 Series High Temp Card Edge Connector Mounting Options

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ACAD REFERENCE NO. 837 ENG MASTER	
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SCALE: NTS	SHEET 3 OF 4
DRAWING NUMBER 837 Assembly	ISSUE 1

ISSUE NUMBER	
ORIGINAL	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
- 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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DRAWING NUMBER: 837 Assembly	ISSUE: 1