Mounting Option
.344 (8.74) Offset Card Guides

Contact Detail
90 Degree Bend (Code 521 Contacts)
.156 [3.96] Contact Spacing x .200 [5.08] Row Spacing

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ISSUE NUMBER
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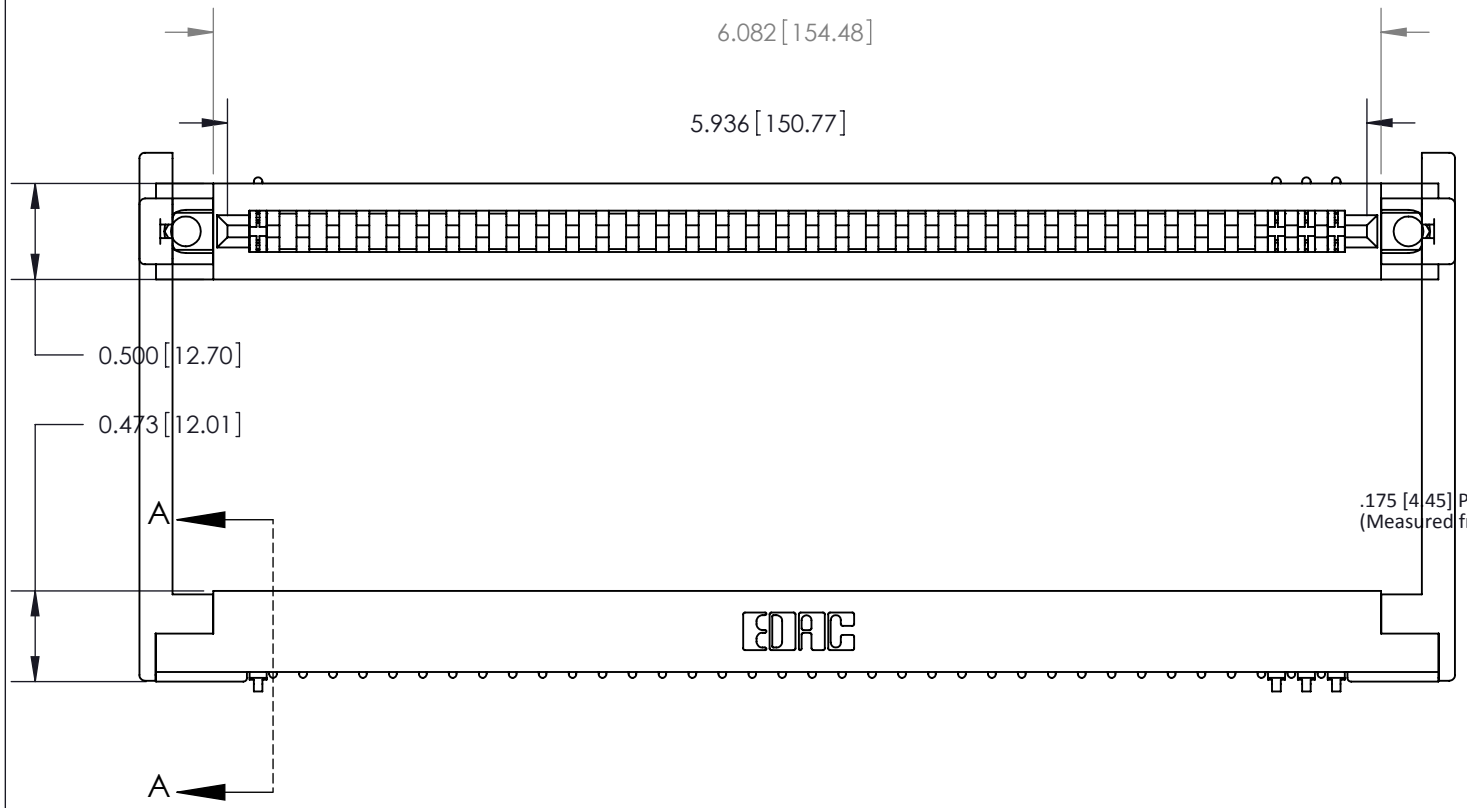

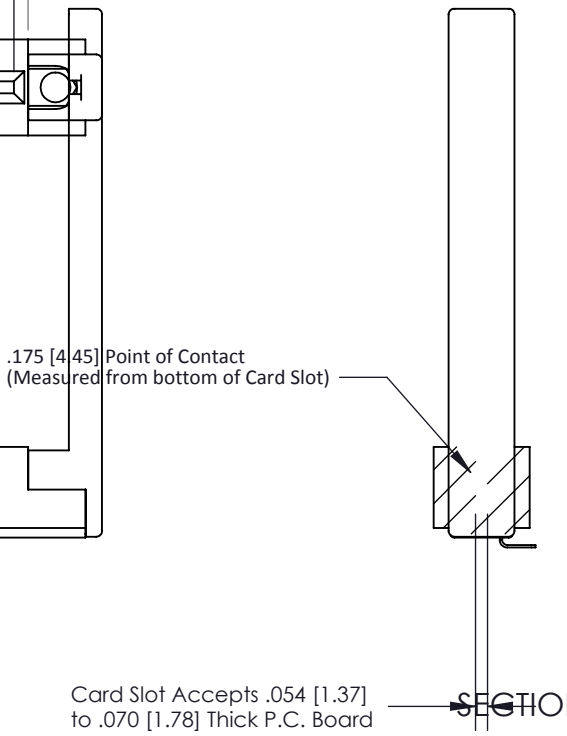

See Accompanying Pages for:
- **Contact Bend Details**
- **Mounting Options**
- **Features and Specifications**

807 Series High Temp Card Edge Connector
Part Number: 807-037-553-168

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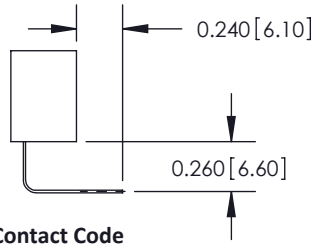
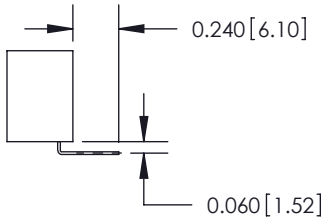
ACAD REFERENCE NO.	807 ENG MASTER		
DRAWN:	J.LEE	DATE:	AUG. 11/09
CHECKED:		DATE:	
SCALE:	NTS	SHEET	1 OF 4
DRAWING NUMBER	807 Assembly	ISSUE	1

Single Row Contacts - Read One Side of Daughter Board



558 Contact Code



559 Contact Code

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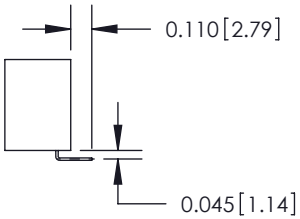
Single Row Contacts - Read Both Sides of Daughter Board



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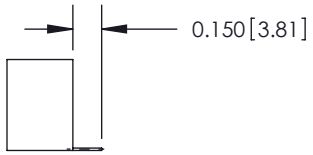

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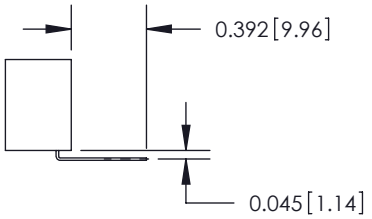
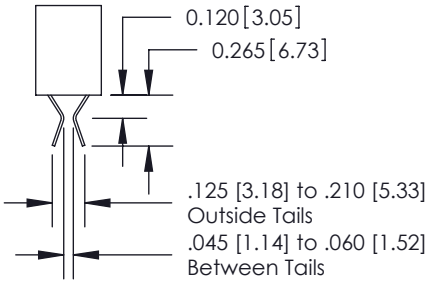
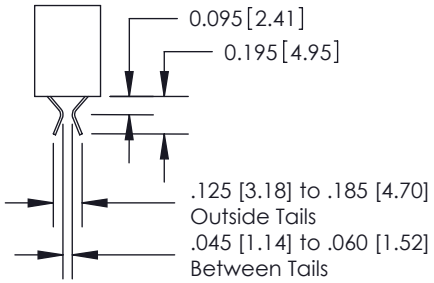


557 Contact Code

Dual Row Contacts - Read Both Sides of Daughter Board

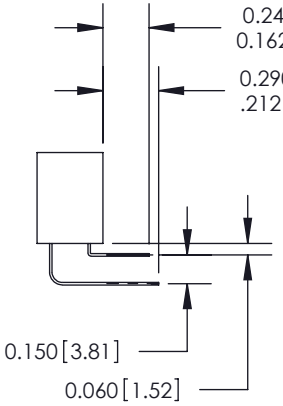


555 Contact Code



556 Contact Code

558 Contact Code



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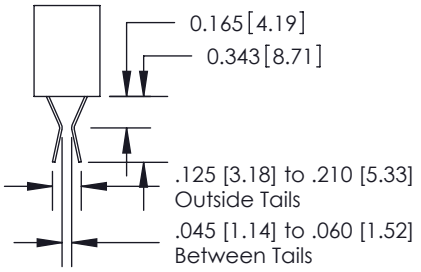

560 Contact Code

807 Series High Temp Card Edge Connector Contact Bend Detail

ACAD REFERENCE NO.	807 ENG MASTER
DRAWN: J.LEE	DATE: AUG. 11/09
CHECKED:	DATE:
SCALE: NTS	SHEET 2 OF 4
DRAWING NUMBER: 807 Assembly	ISSUE: 1

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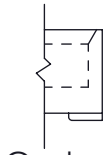

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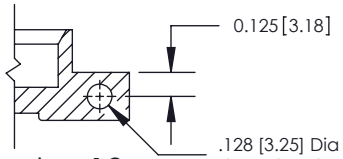

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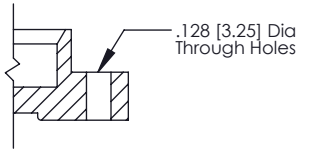

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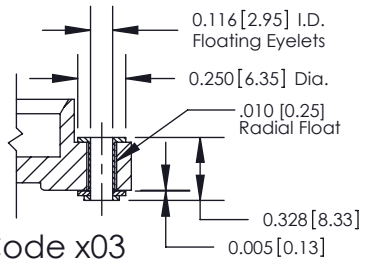

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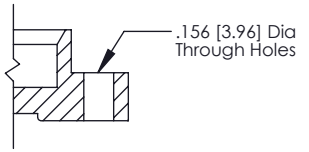

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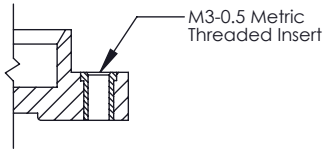

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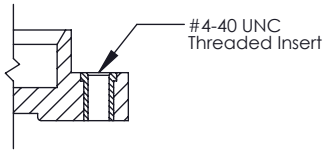

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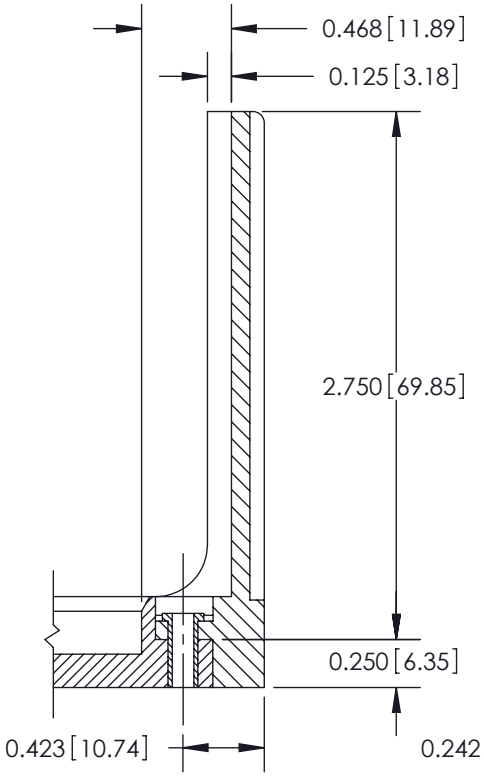

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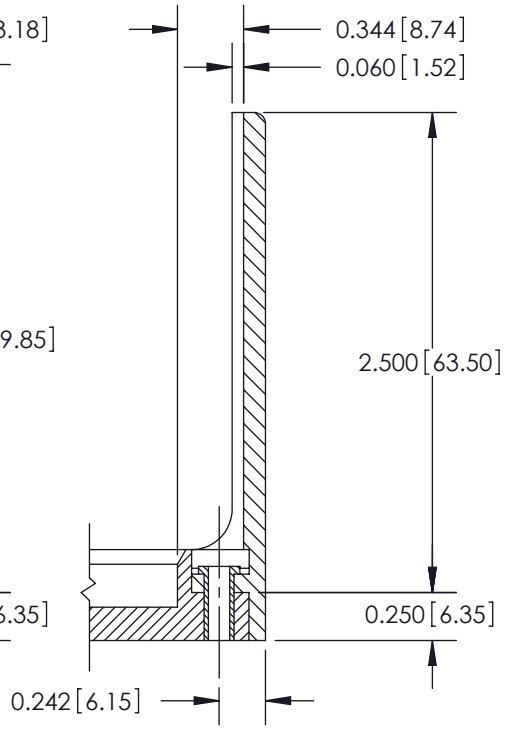

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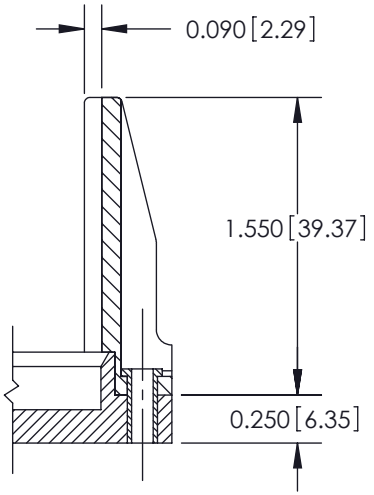

Code x78

807 Series High Temp Card Edge Connector Mounting Options

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ACAD REFERENCE NO.	807 ENG MASTER
DRAWN: J.LEE	DATE: AUG. 11/09
CHECKED:	DATE:
SCALE: NTS	SHEET 3 OF 4
DRAWING NUMBER: 807 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
- 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

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ACAD REFERENCE NO.	807 ENG MASTER
DRAWN: J.LEE	DATE: AUG. 11/09
CHECKED:	DATE:
SCALE: NTS	SHEET 4 OF 4
DRAWING NUMBER: 807 Assembly	ISSUE: 1