Mounting Option
.128 (3.25) Dia. Mounting Holes

Contact Detail
Wire Hole .087x.013(2.21x0.33) - Tail LG .282(7.16)
.156 [3.96] Contact Spacing x .200 [5.08] Row Spacing

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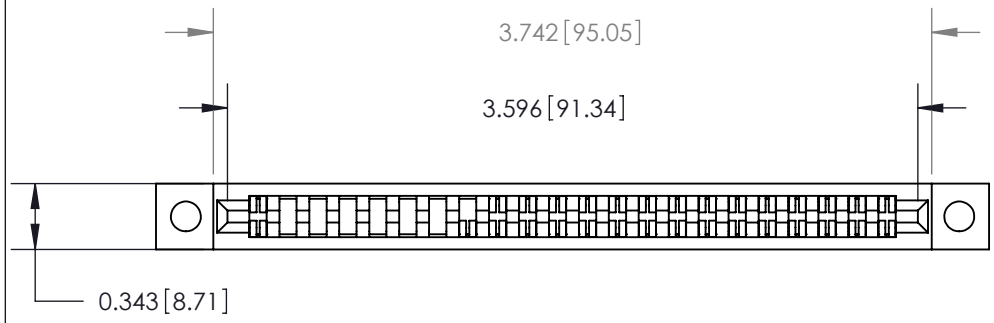
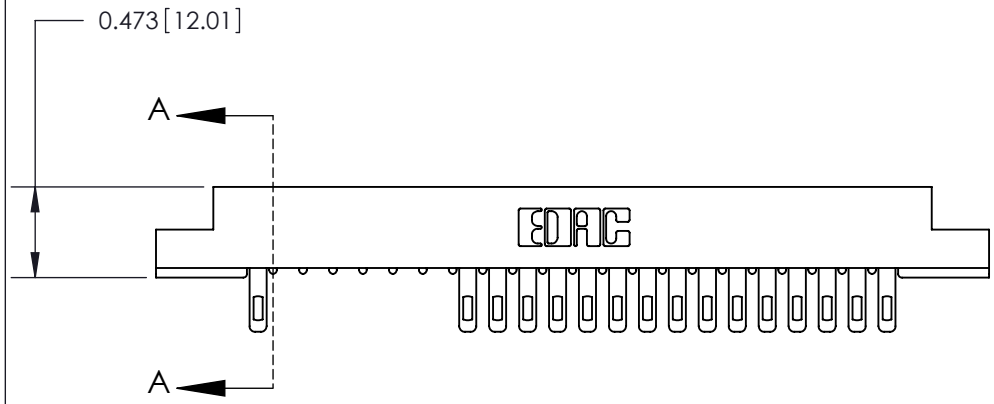
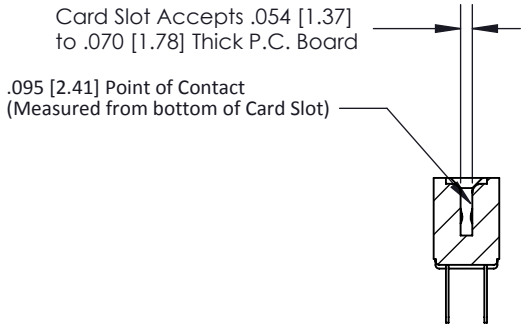
ISSUE NUMBER
ORIGINAL ①







SECTION A-A

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

307 / 357 Card Edge Connector
Part Number: 307-044-500-202

EDAC INC
TORONTO, ONTARIO
CANADA
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ACAD REFERENCE NO.	307 ENG MASTER	
DRAWN: J.LEE		DATE: AUG. 11/09
CHECKED:		DATE:
SCALE: NTS		SHEET 1 OF 4
DRAWING NUMBER	307 Assembly	ISSUE 1

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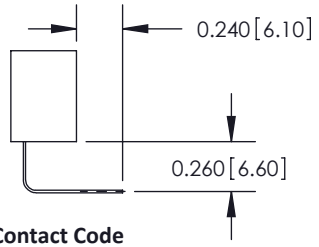
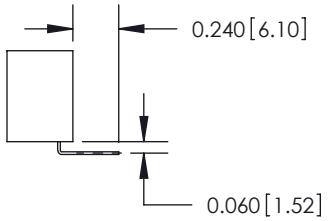
ISSUE NUMBER
ORIGINAL ①

Single Row Contacts - Read One Side of Daughter Board

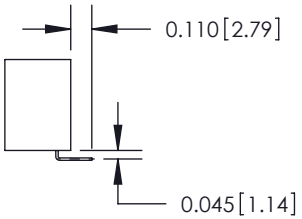


558 Contact Code

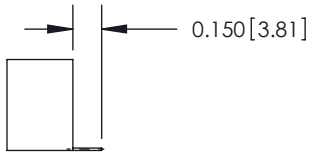


559 Contact Code

Single Row Contacts - Read Both Sides of Daughter Board



553 Contact Code



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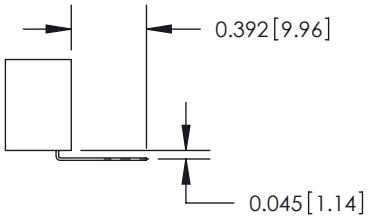
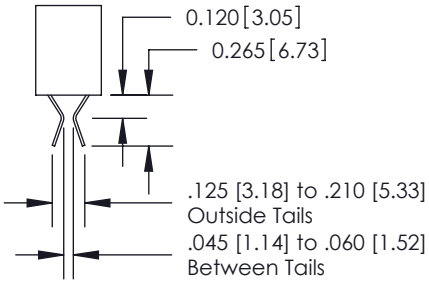


557 Contact Code

Dual Row Contacts - Read Both Sides of Daughter Board



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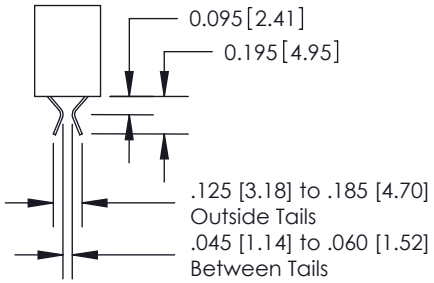
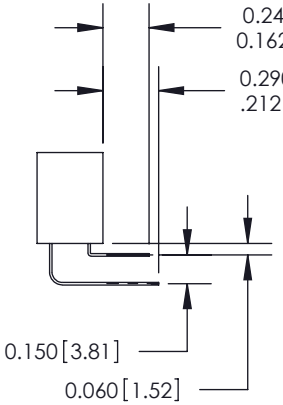


556 Contact Code

558 Contact Code



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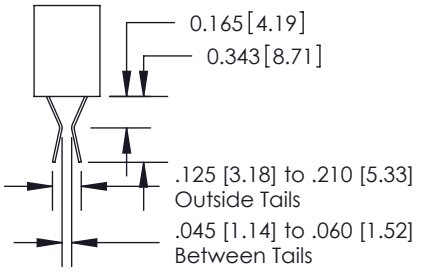

560 Contact Code

307/ 357 Series Card Edge Connector Contact Bend Detail

ACAD REFERENCE NO.	307 ENG MASTER
DRAWN: J.LEE	DATE: AUG. 11/09
CHECKED:	DATE:
SCALE: NTS	SHEET 2 OF 4
DRAWING NUMBER: 307 Assembly	ISSUE: 1

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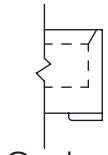

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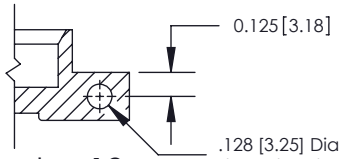

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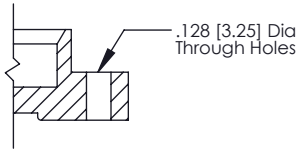

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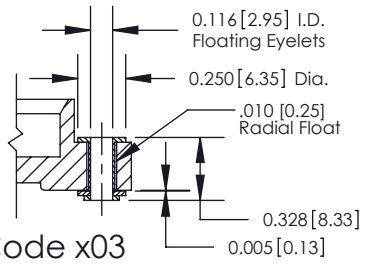

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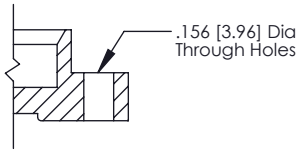

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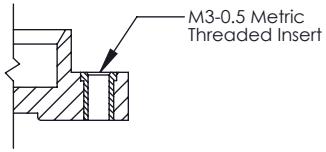

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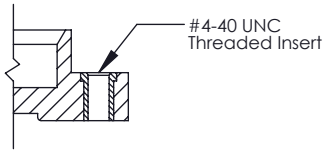

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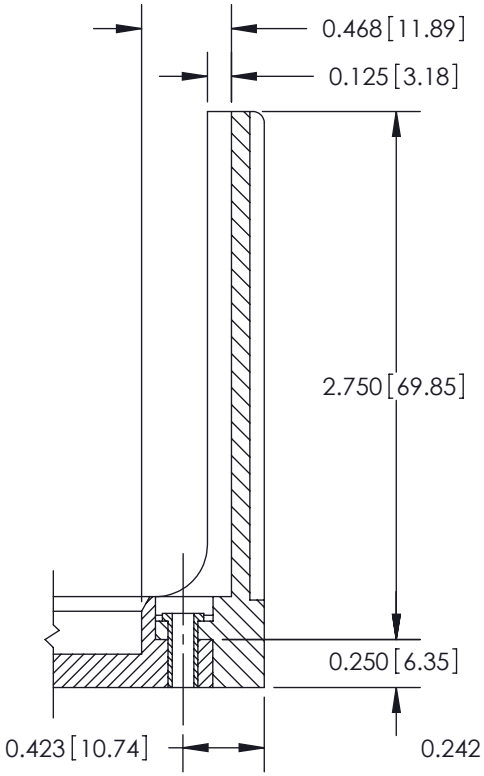

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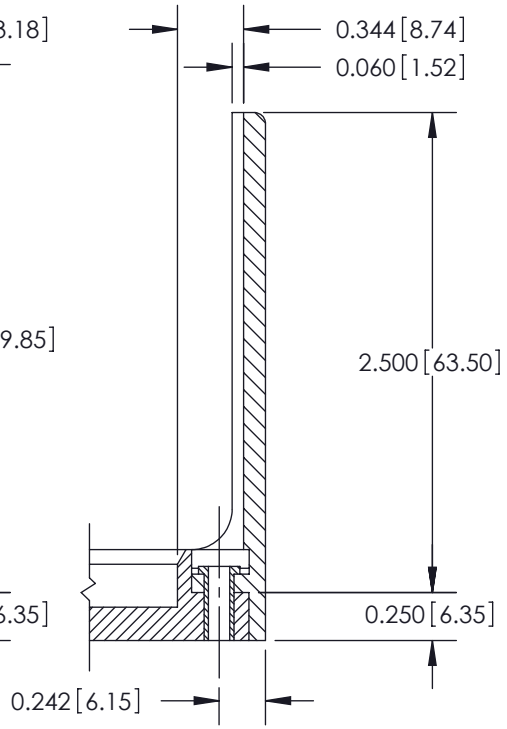

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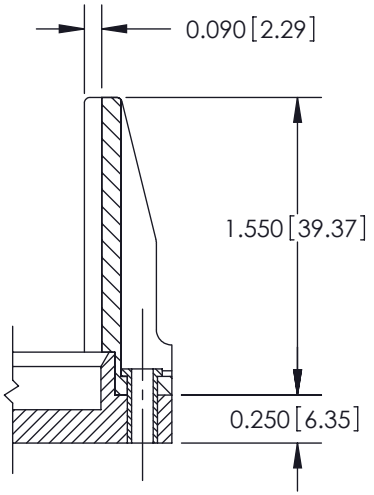

Code x78

307 / 357 Card Edge Connector Mounting Options

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ACAD REFERENCE NO.	307 ENG MASTER
DRAWN: J.LEE	DATE: AUG. 11/09
CHECKED:	DATE:
SCALE: NTS	SHEET 3 OF 4
DRAWING NUMBER: 307 Assembly	ISSUE: 1

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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: Thermoplastic Polyester, UL 94V-0
- 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 +125 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

307 / 357 Card Edge Connector
Features and Specifications

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ACAD REFERENCE NO. 307 ENG MASTER	
DRAWN: J.LEE	DATE: AUG. 11/09
CHECKED:	DATE:
SCALE: NTS	SHEET 4 OF 4
DRAWING NUMBER 307 Assembly	ISSUE 1