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ISSUE NUMBER

ORIGINAL



0.343 [8.71]

3.610 [91.69]

3.000 [76.20]

A

A

EDAC

4.030 [102.36]

.180 (4.57) Point of Contact  
(Measured from bottom of Card Slot)

0.062 [1.57]

0.325 [8.26]  
Card Slot

0.473 [12.01]

SECTION A-A

**Mounting Option**  
#4-40 Unified Threaded Inserts  
**Contact Detail**  
557-90 Degree Bend (Code 541 Contacts)

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

322 Assembly  
Part Number: 322-022-557-158



EDAC INC  
TORONTO, ONTARIO  
CANADA

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ACAD REFERENCE NO. 322 Assembly	
DRAWN: J.LEE	DATE: JULY 29, 2009
CHECKED:	DATE:
SCALE: NTS	SHEET 1 OF 3
DRAWING NUMBER 322 Assembly	ISSUE 1

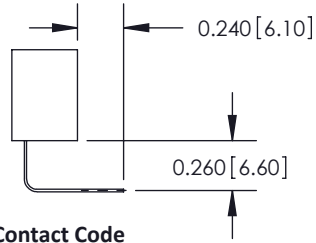
## Single Row Contacts - Read One Side of Daughter Board

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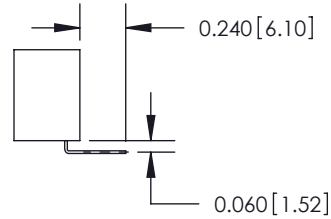


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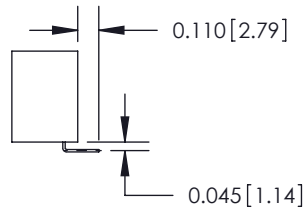


558 Contact Code

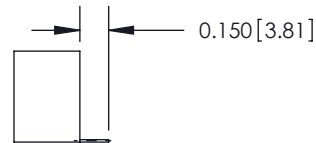


559 Contact Code

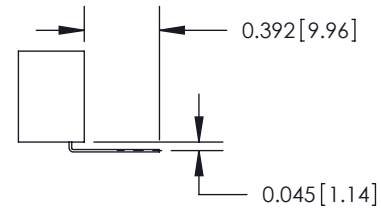
## Single Row Contacts - Read Both Sides of Daughter Board



553 Contact Code

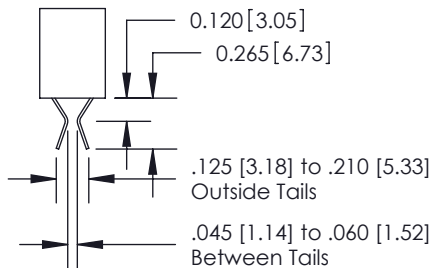


554 Contact Code

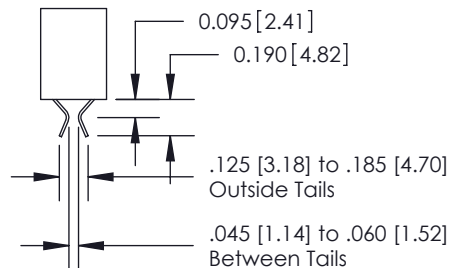


557 Contact Code

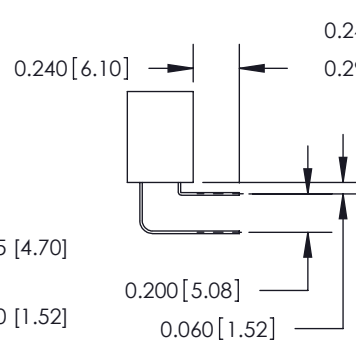
## Dual Row Contacts - Read Both Sides of Daughter Board



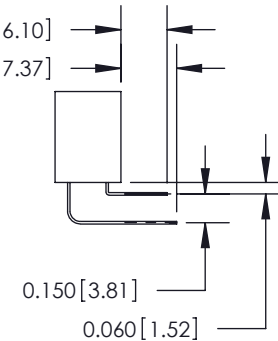
555 Contact Code



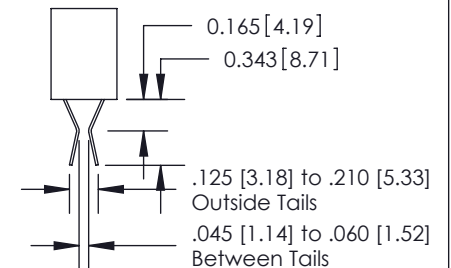
556 Contact Code



558 Contact Code



559 Contact Code



560 Contact Code

### 322 Assembly Contact Bend Detail



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DRAWN: J.LEE DATE: JULY 29, 2009

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DRAWING NUMBER ISSUE

322 Assembly

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ISSUE NUMBER	
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**Features**

- .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
- Accepts Between Contact and In-Contact Polarizing Keys

**Specifications**

- Insulator Material: Polycarbonate
- 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

322 Assembly Features and Specifications	ACAD REFERENCE NO. 322 Assembly	
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# Mouser Electronics

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