


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

|   |  |                                 |                     |
|---|--|---------------------------------|---------------------|
| 322 Assembly  |  | ACAD REFERENCE NO. 322 Assembly |                     |
| Part Number: 322-022-521-158  |  | DRAWN: J.LEE                    | DATE: JULY 29, 2009 |
|  EDAC INC<br>TORONTO, ONTARIO<br>CANADA<br>YOUR CONNECTION TO QUALITY & SERVICE |  | CHECKED:                        | DATE:               |
|   |  | SCALE: NTS                      | SHEET 1 OF 3        |
|   |  | DRAWING NUMBER                  | ISSUE               |
|   |  | 322 Assembly                    | 1                   |

**Mounting Option**  
 #4-40 Unified Threaded Inserts  
**Contact Detail**  
 521-PC Tail .046x.014(1.17x0.36) - Tail LG=.213(5.41)

THIS IS A C.A.D. GENERATED DRAWING  
 DO NOT MAKE MANUAL REVISIONS TO MASTER.



ISSUE NUMBER

ORIGINAL 1

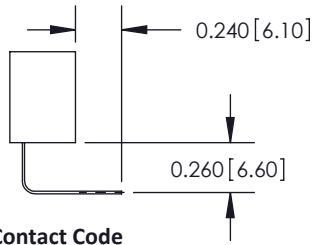
**Single Row Contacts - Read One Side of Daughter Board**

THIS IS A C.A.D. GENERATED DRAWING  
DO NOT MAKE MANUAL REVISIONS TO MASTER.

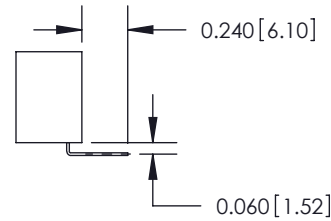


ISSUE NUMBER

ORIGINAL

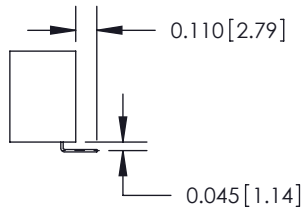


558 Contact Code

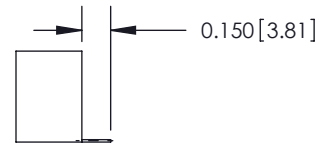


559 Contact Code

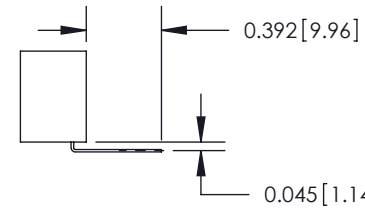
**Single Row Contacts - Read Both Sides of Daughter Board**



553 Contact Code

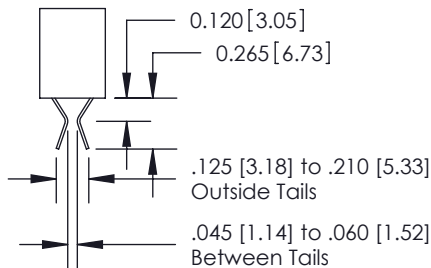


554 Contact Code

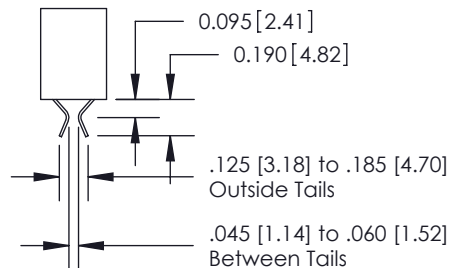


557 Contact Code

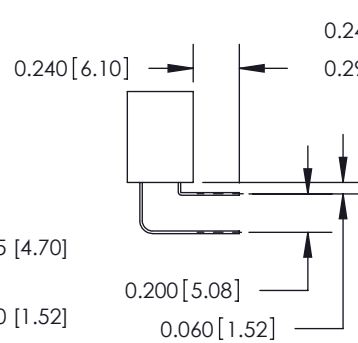
**Dual Row Contacts - Read Both Sides of Daughter Board**



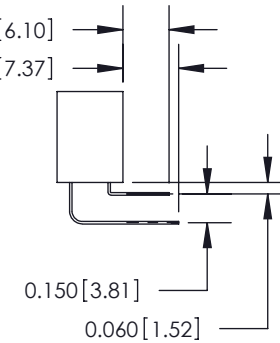
555 Contact Code



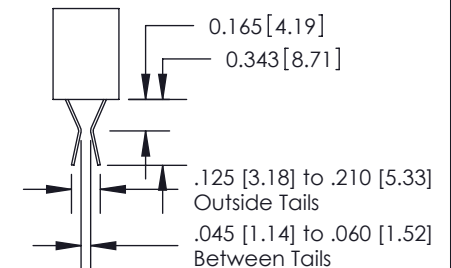
556 Contact Code



558 Contact Code



559 Contact Code



560 Contact Code

|   |  |                                 |                     |
|---|--|---------------------------------|---------------------|
| <p>322 Assembly<br/>Contact Bend Detail</p>   |  | ACAD REFERENCE NO. 322 Assembly |                     |
|   |  | DRAWN: J.LEE                    | DATE: JULY 29, 2009 |
| <p>EDAC INC<br/>TORONTO, ONTARIO<br/>CANADA<br/>YOUR CONNECTION TO QUALITY &amp; SERVICE</p>  |  | CHECKED:                        | DATE:               |
|   |  | SCALE: NTS                      | SHEET 2 OF 3        |
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|   |  | 322 Assembly                    | 1                   |




**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

|   |  |                                 |                     |
|---|--|---------------------------------|---------------------|
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|   |  | DRAWING NUMBER<br>322 Assembly  | ISSUE<br>1          |

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