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ISSUE NUMBER
ORIGINAL 1

Mounting Option
#4-40 Unified Threaded Inserts
Contact Detail
559-90 Degree Bend (Code 522 and 540 Contacts)

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

322 Assembly Part Number: 322-022-559-158		ACAD REFERENCE NO. 322 Assembly
EDAC INC TORONTO, ONTARIO CANADA YOUR CONNECTION TO QUALITY & SERVICE		DRAWN: J.LEE DATE: JULY 29, 2009
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		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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ISSUE NUMBER

ORIGINAL



558 Contact Code



559 Contact Code

Single Row Contacts - Read Both Sides of Daughter Board



553 Contact Code

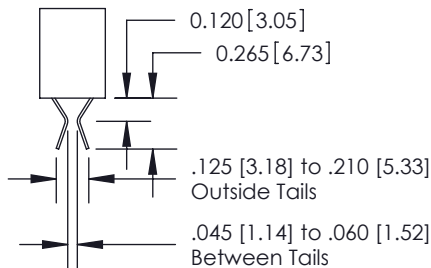


554 Contact Code

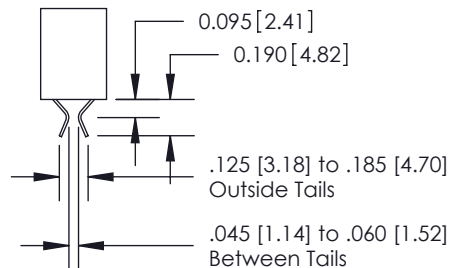


557 Contact Code

Dual Row Contacts - Read Both Sides of Daughter Board



555 Contact Code



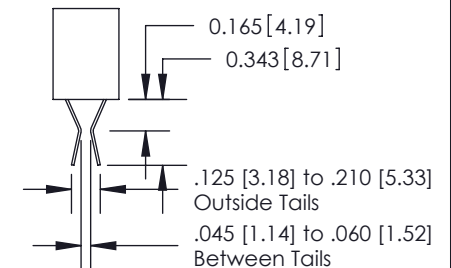
556 Contact Code



558 Contact Code



559 Contact Code



560 Contact Code

<p>322 Assembly Contact Bend Detail</p>		ACAD REFERENCE NO. 322 Assembly	
		DRAWN: J.LEE	DATE: JULY 29, 2009
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		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

322 Assembly Features and Specifications		ACAD REFERENCE NO. 322 Assembly	
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		SCALE: NTS	SHEET 3 OF 3
		DRAWING NUMBER 322 Assembly	ISSUE 1

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