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ISSUE NUMBER	
ORIGINAL	1

SECTION A-A

Mounting Option
#4-40 Unified Threaded Inserts
Contact Detail
520-PC Tail .046x.013(1.17x0.33) - Tail LG=.213(5.41)

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

322 Assembly Part Number: 322-044-520-258		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

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Single Row Contacts - Read One Side of Daughter Board

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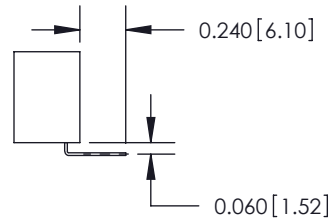


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558 Contact Code

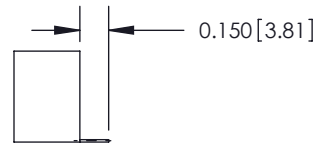


559 Contact Code

Single Row Contacts - Read Both Sides of Daughter Board



553 Contact Code

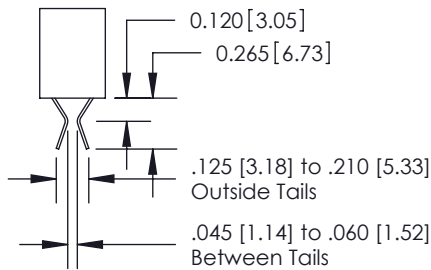


554 Contact Code

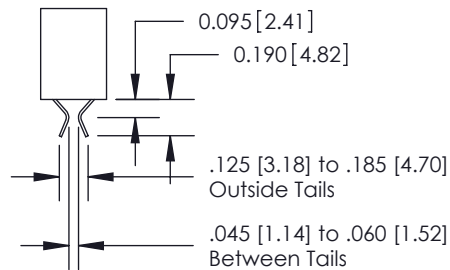


557 Contact Code

Dual Row Contacts - Read Both Sides of Daughter Board



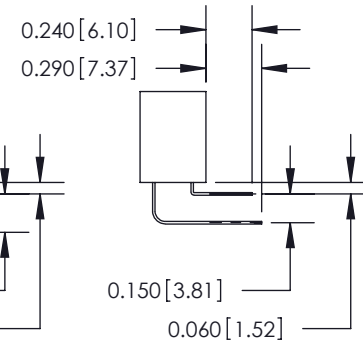
555 Contact Code



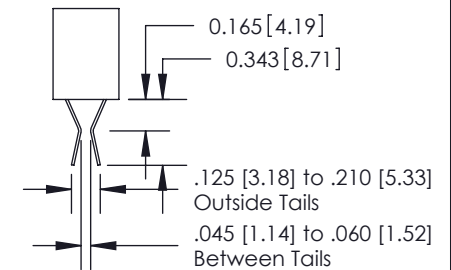
556 Contact Code




558 Contact Code



559 Contact Code



560 Contact Code

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