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ISSUE NUMBER

ORIGINAL



SECTION A-A

Mounting Option
#4-40 Unified Threaded Inserts
Contact Detail
501-Wire Hole .089x.014(2.29x0.36) - Tail LG=.213(5.41)

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

322 Assembly
Part Number: 322-022-501-158



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TORONTO, ONTARIO
CANADA

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DRAWN: J.LEE	DATE: JULY 29, 2009
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SCALE: NTS	SHEET 1 OF 3
DRAWING NUMBER 322 Assembly	ISSUE 1

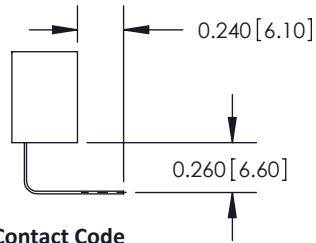
Single Row Contacts - Read One Side of Daughter Board

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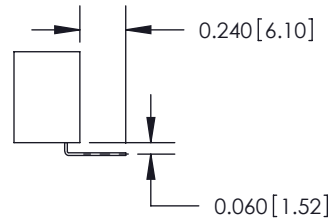


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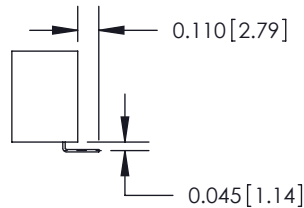


558 Contact Code

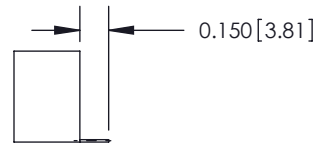


559 Contact Code

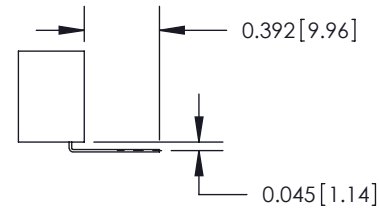
Single Row Contacts - Read Both Sides of Daughter Board



553 Contact Code



554 Contact Code

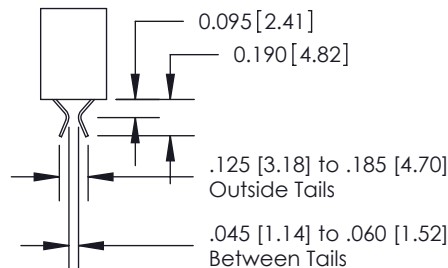


557 Contact Code

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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SCALE: NTS SHEET 2 OF 3

DRAWING NUMBER ISSUE

322 Assembly

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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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