

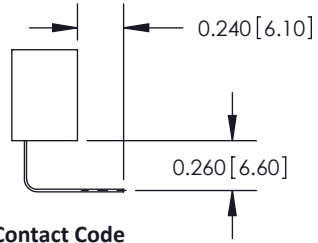
Single Row Contacts - Read One Side of Daughter Board

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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

322 Assembly Contact Bend Detail



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TORONTO, ONTARIO
CANADA
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ACAD REFERENCE NO. 322 Assembly

DRAWN: J.LEE DATE: JULY 29, 2009

CHECKED: DATE:

SCALE: NTS SHEET 2 OF 3

DRAWING NUMBER

322 Assembly

ISSUE

1




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| ISSUE NUMBER | |
| ORIGINAL | ○ |
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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

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