

Mounting Option

.128 (3.25) Dia. Mounting Holes

Contact Detail

PC Tail .046x.013(1.17x0.33) - Tail LG=.213(5.41)

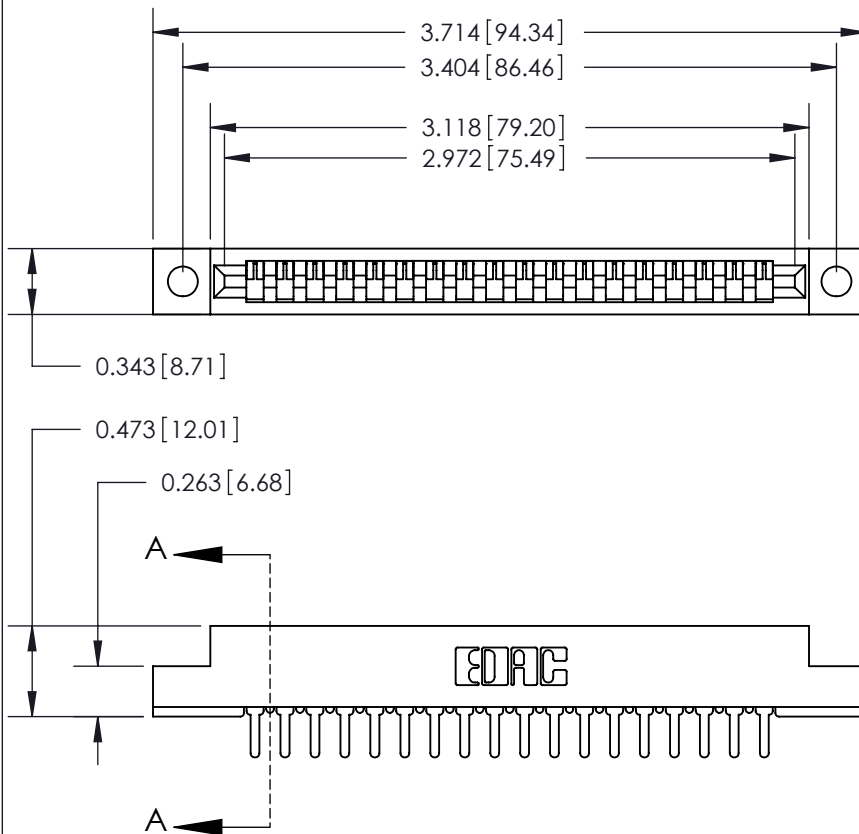
.156 [3.96] Contact Spacing x .200 [5.08] Row Spacing

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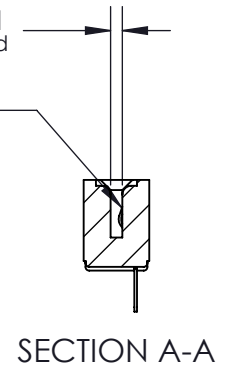
ISSUE NUMBER

ORIGINAL ①



Card Slot Accepts .054 [1.37]
to .070 [1.78] Thick P.C. Board

.095 [2.41] Point of Contact
(Measured from bottom of Card Slot)



See Accompanying Pages for:

- Contact Bend Details
- Mounting Options
- Features and Specifications

307 / 357 Card Edge Connector
Part Number: 307-018-525-102



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DRAWING NUMBER 307 Assembly ISSUE 1

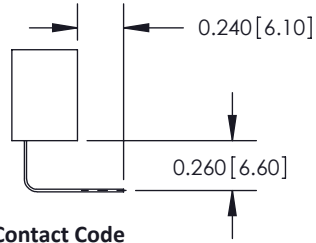
Single Row Contacts - Read One Side of Daughter Board

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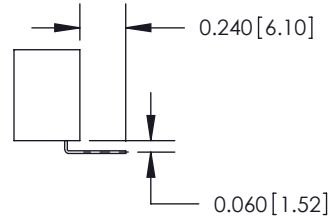


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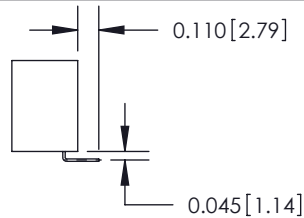


558 Contact Code

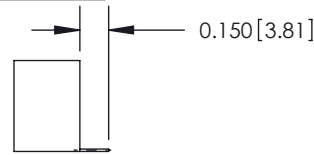


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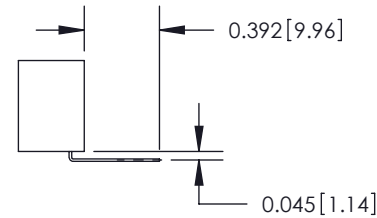
Single Row Contacts - Read Both Sides of Daughter Board



553 Contact Code

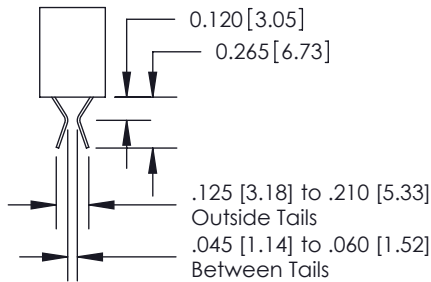


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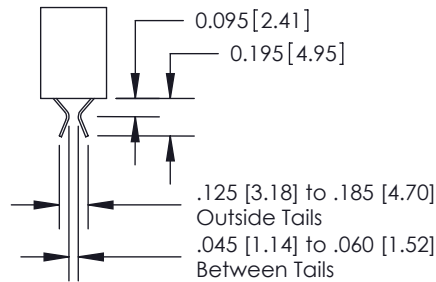


557 Contact Code

Dual Row Contacts - Read Both Sides of Daughter Board

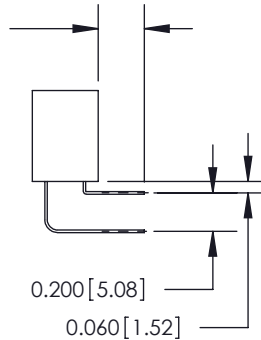


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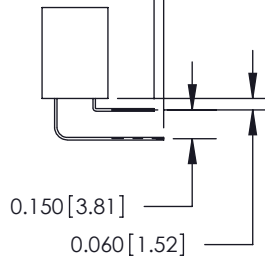
556 Contact Code

0.240 [6.10] Up to 27/54 Pin
0.162 [4.11] 28/56 and Over

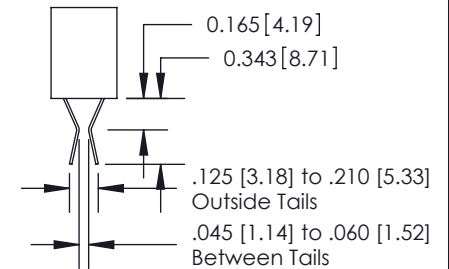


558 Contact Code

0.240 [6.10] Up to 27/54 Pin
0.162 [4.11] 28/56 and Over
0.290 [7.37] Up to 27/54 Pin
.212 [5.38] 28/56 and Over



559 Contact Code



560 Contact Code

307/ 357 Series Card Edge Connector Contact Bend Detail



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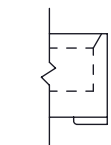
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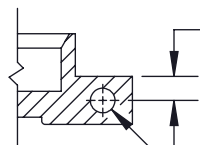
DRAWING NUMBER ISSUE

307 Assembly

1



Code x01



Code x12

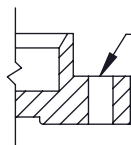
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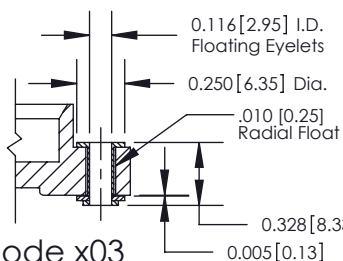
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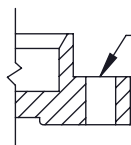
①



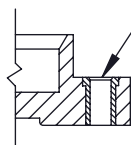
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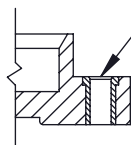
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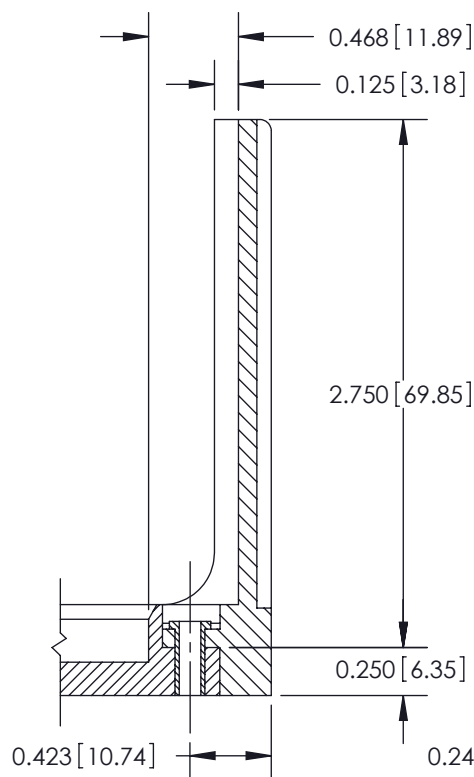
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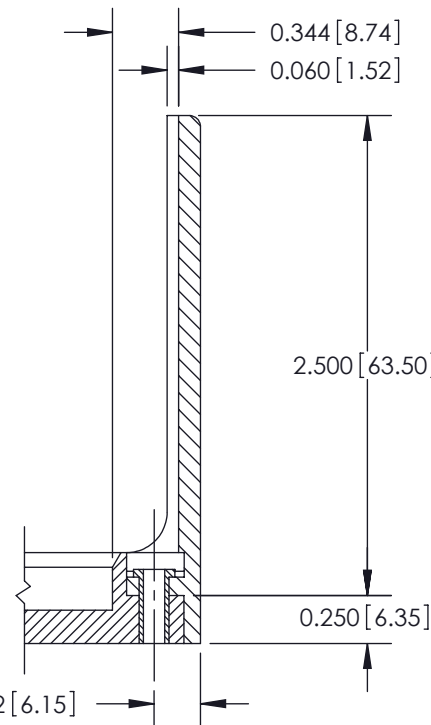
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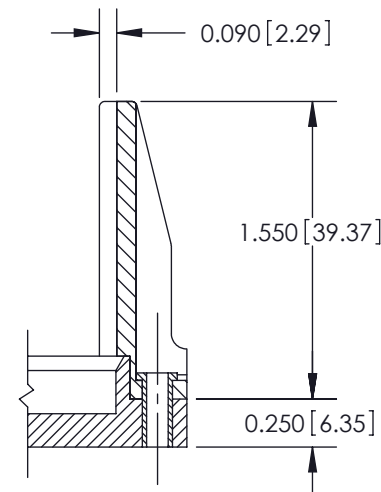
Code x08



Code x58



Code x68



Code x78

307 / 357 Card Edge Connector Mounting Options



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SHEET 3 OF 4

DRAWING NUMBER

307 Assembly

ISSUE

1



Features

- CSA Approved and UL Recognized
- .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
- Large Variety of Mounting Options
- Pre-assembled Card Guides Available
- Accepts Between Contact and In-Contact Polarizing Keys

Specifications

- Insulator Material: Thermoplastic Polyester, UL 94V-0
- 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 +105 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

307 / 357 Card Edge Connector Features and Specifications



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