

### Mounting Option

07-M3-0.5 Metric Threaded Inserts

### Contact Detail

524-P.C. Tail .025x.013(0.64x0.33) - Tail LG.=.100(2.54)

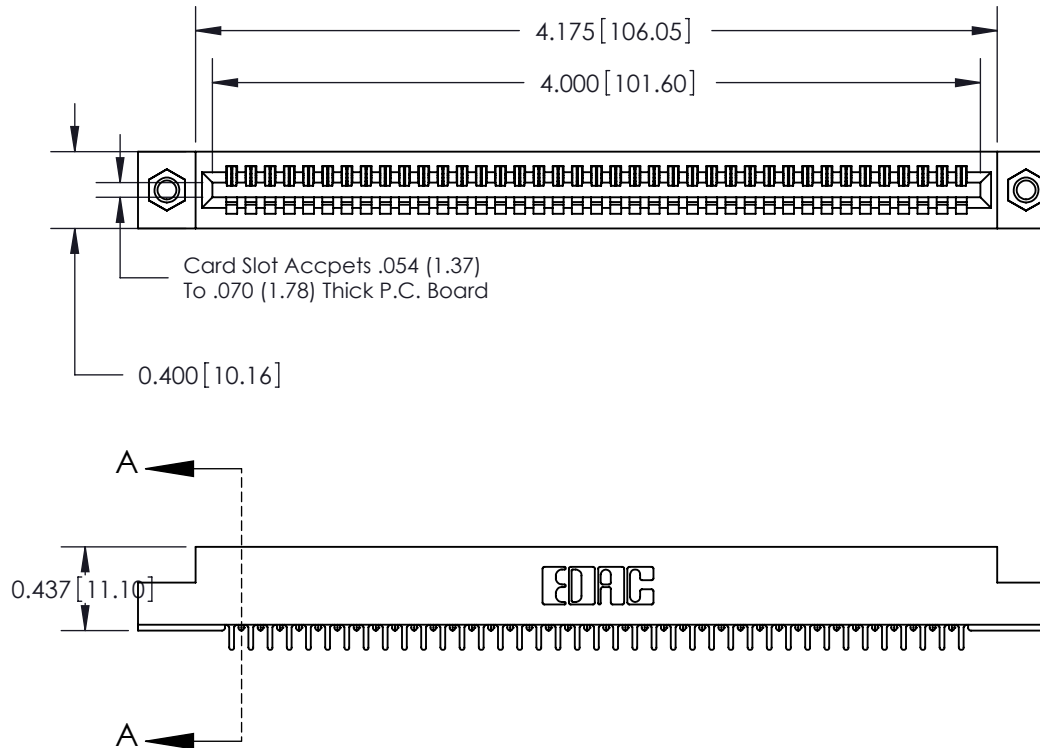
.100 [2.54] Contact Spacing x .140 [3.56] Row Spacing

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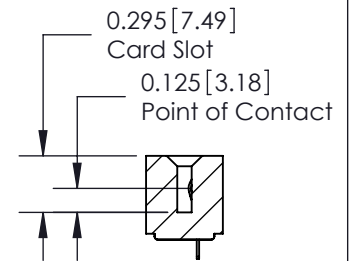
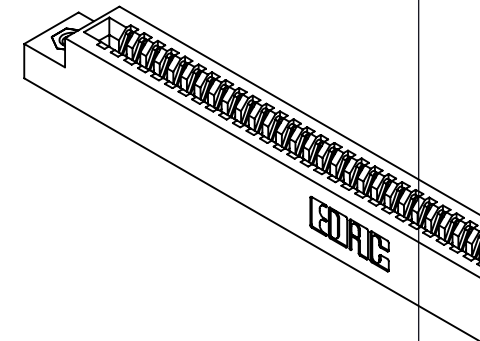


ISSUE NUMBER

ORIGINAL



Card Slot Accepts .054 (1.37)  
To .070 (1.78) Thick P.C. Board



SECTION A-A

See Accompanying Pages for:

- Contact Bend Details
- Mounting Options
- Features and Specifications

341/391 Series Card Edge Connector

Part Number: 341-039-524-107



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ACAD REFERENCE NO. 341 ENG MASTER

DRAWN: J.LEE DATE: SEPT. 03/09

CHECKED: DATE:

SCALE: NTS SHEET 1 OF 3

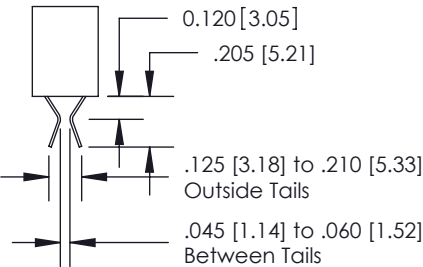
DRAWING NUMBER ISSUE

341 Assembly

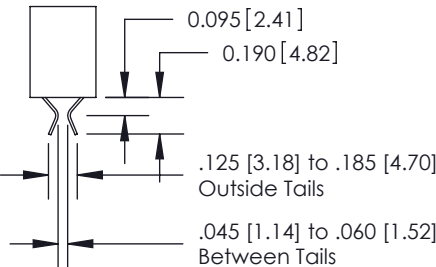
1



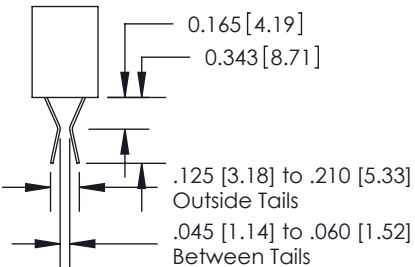
**Bend Detail**



555 Contact Code



556 Contact Code

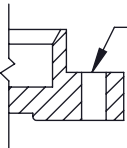


560 Contact Code

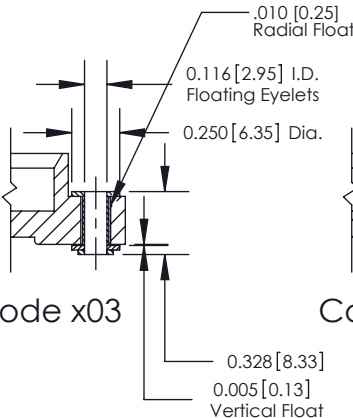
**Mounting Options**



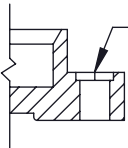
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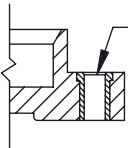
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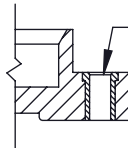
Code x03



Code x04



Code x07



Code x08

**341/391 Series Card Edge Connector  
Bend Detail and Mounting Options**



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SHEET 2 OF 3

DRAWING NUMBER

341 Assembly

ISSUE

1



**Features**

- UL Recognized
- .100 (2.54) Contact Spacing x .140 (3.56) Row Spacing
- Accepts .062 (1.57) Nominal Thickness P.C. Board
- Low Profile Insulator Body .437 (12.01)
- Contact Termination Options include P.C. Tail, Wire Hole, and Extender Board Bends
- Single or Dual Row Configurations
- Variety of Mounting Options
- 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: 3 Amperes Continuous
- Contact Resistance: 10 Milliohms Maximum
- Dielectric Withstanding Voltage: 1200 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

|                                                                                                                                                                        |                                                                                                                                                                                                                |                |                                   |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------|-------------------|
| 341/391 Series Card Edge Connector<br>Features and Specifications                                                                                                      |                                                                                                                                                                                                                |                | ACAD REFERENCE NO. 341 ENG MASTER |                   |
|                                                                                                                                                                        |                                                                                                                                                                                                                |                | DRAWN: J.LEE                      | DATE: SEPT. 03/09 |
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|                                                                                                                                                                        |                                                                                                                                                                                                                | DRAWING NUMBER |                                   | ISSUE             |
|                                                                                                                                                                        |                                                                                                                                                                                                                | 341 Assembly   |                                   | 1                 |

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