

### Mounting Option

03-.116 (2.95) I.D. Floating Eyelets

### Contact Detail

520-P.C. Tail .025x.013(0.64x0.33) - Tail LG.=.125(3.18)

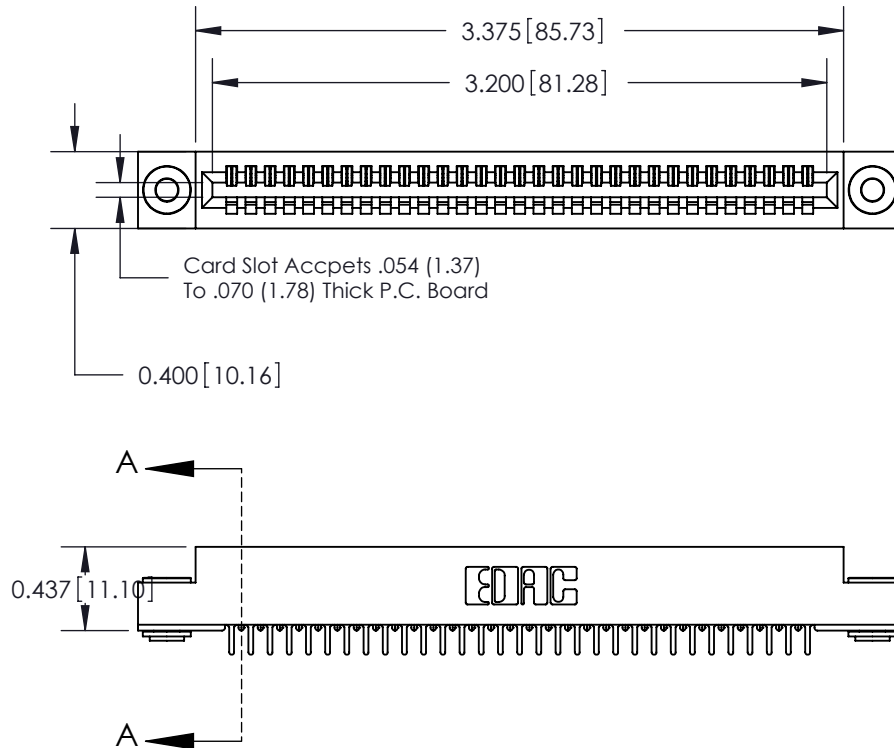
.100 [2.54] Contact Spacing x .140 [3.56] Row Spacing

THIS IS A C.A.D. GENERATED DRAWING  
DO NOT MAKE MANUAL REVISIONS TO MASTER

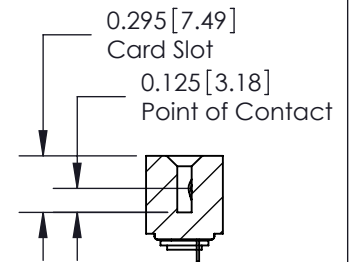
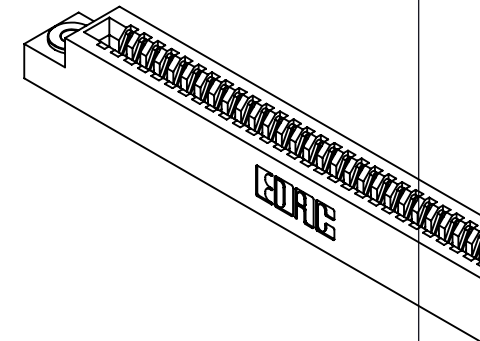


ISSUE NUMBER

ORIGINAL



Card Slot Accpets .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: 341-031-520-103



YOUR CONNECTION TO QUALITY & SERVICE

EDAC INC  
TORONTO, ONTARIO  
CANADA

THESE DRAWINGS AND SPECIFICATIONS  
ARE THE PROPERTY OF EDAC INC. AND  
SHALL NOT BE REPRODUCED, OR COPIED  
OR USED AS THE BASIS FOR THE  
MANUFACTURE OR SALE OF APPARATUS  
WITHOUT WRITTEN PERMISSION.

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

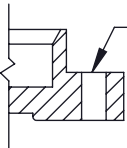


560 Contact Code

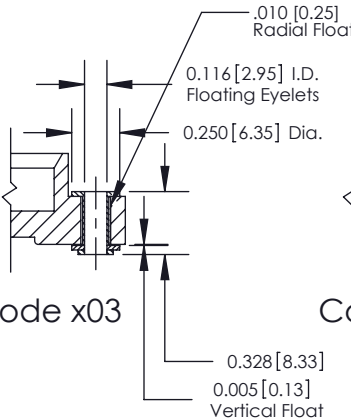
**Mounting Options**



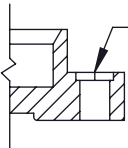
Code x01



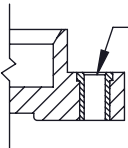
Code x02



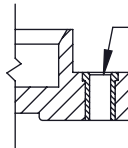
Code x03



Code x04



Code x07



Code x08

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



EDAC INC  
TORONTO, ONTARIO  
CANADA

YOUR CONNECTION TO QUALITY & SERVICE

THESE DRAWINGS AND SPECIFICATIONS  
ARE THE PROPERTY OF EDAC INC. AND  
SHALL NOT BE REPRODUCED, OR COPIED  
OR USED AS THE BASIS FOR THE  
MANUFACTURE OR SALE OF APPARATUS  
WITHOUT WRITTEN PERMISSION.

ACAD REFERENCE NO. 341 ENG MASTER

DRAWN: J.LEE

DATE: SEPT. 03/09

CHECKED:

DATE:

SCALE: NTS

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 Features and Specifications			ACAD REFERENCE NO. 341 ENG MASTER	
			DRAWN: J.LEE	DATE: SEPT. 03/09
			CHECKED:	DATE:
 EDAC INC TORONTO, ONTARIO CANADA YOUR CONNECTION TO QUALITY & SERVICE	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC INC., AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.	SCALE: NTS	SHEET 3 OF 3	
		DRAWING NUMBER		ISSUE
		341 Assembly		1

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

EDAC:

[341-031-520-103](tel:341-031-520-103)