Mounting Option
04-.156 (3.96) Dia. Mounting Holes

Contact Detail
522-P.C. Tail .025x.013(0.64x0.33) - Tail LG.=.375(9.53)
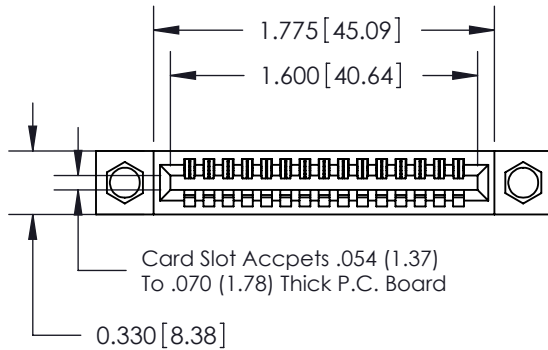.100 [2.54] Contact Spacing x .140 [3.56] Row Spacing

1.775 [45.09]
1.600 [40.64]

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

0.330 [8.38]

A

0.437 [11.10]

EDAC

A

0.295 [7.49]
Card Slot

0.125 [3.18]
Point of Contact
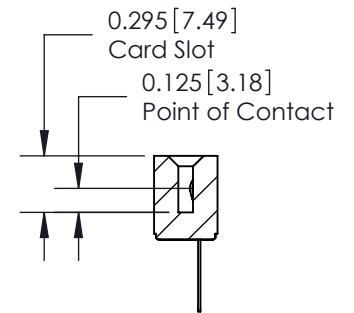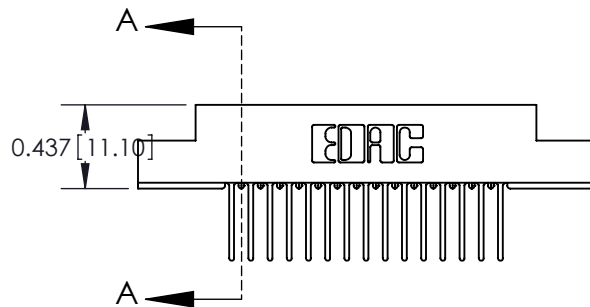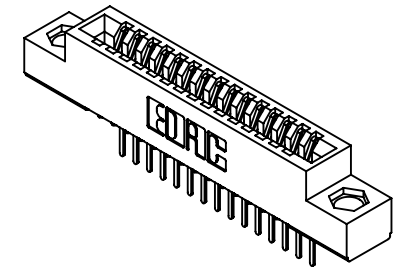
SECTION A-A

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

341/391 Series Card Edge Connector
Part Number: 391-015-522-104

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

0.120 [3.05]
.205 [5.21]
.125 [3.18] to .210 [5.33] Outside Tails
.045 [1.14] to .060 [1.52] Between Tails

555 Contact Code

0.095 [2.41]
0.190 [4.82]
.125 [3.18] to .185 [4.70] Outside Tails
.045 [1.14] to .060 [1.52] Between Tails

556 Contact Code

0.165 [4.19]
0.343 [8.71]
.125 [3.18] to .210 [5.33] Outside Tails
.045 [1.14] to .060 [1.52] Between Tails

560 Contact Code

Mounting Options

.010 [0.25] Radial Float
0.116 [2.95] I.D. Floating Eyelets
0.250 [6.35] Dia.
.128 [3.25] Dia Through Holes
.156 [3.96] Dia Through Holes
M3-0.5 Metric Threaded Insert
#4-40 UNC Threaded Insert

0.328 [8.33]
0.005 [0.13] Vertical Float

Code x01   Code x02   Code x03   Code x04   Code x07   Code x08

341/391 Series Card Edge Connector Bend Detail and Mounting Options	ACAD REFERENCE NO. 341 ENG MASTER	
	DRAWN: J.LEE	DATE: SEPT. 03/09
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EDAC INC TORONTO, ONTARIO CANADA	SCALE: NTS	SHEET 2 OF 3
YOUR CONNECTION TO QUALITY & SERVICE	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	SCALE: NTS	SHEET 3 OF 3
YOUR CONNECTION TO QUALITY & SERVICE	DRAWING NUMBER 341 Assembly	ISSUE 1