Mounting Option
08-#4-40 Unified Threaded Inserts
Contact Detail
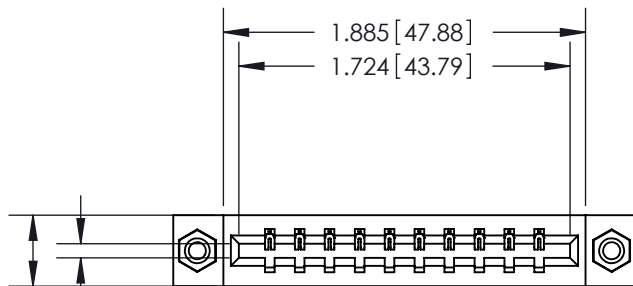523-P.C. Tail .025 Sq.(0.64 Sq.) - Tail LG=.390(9.91)
.156 [3.96] Contact Spacing x .200 [5.08] Row Spacing

ISSUE NUMBER
ORIGINAL

1.885 [47.88]
1.724 [43.79]

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

0.370 [9.40]

0.388 [9.86]
Card Slot

.160 [4.06] Point of Contact

A

0.350 [8.89]

EDAC

A
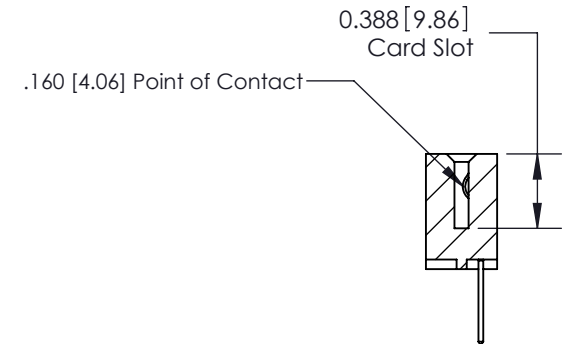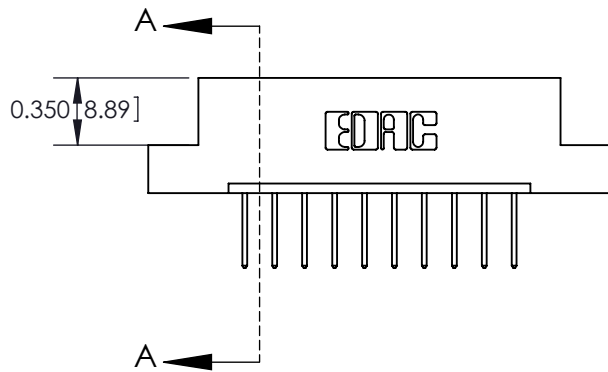
SECTION A-A

See Accompanying Page for:
- **Bend Detail**
- **Mounting Options**
- **Features and Specifications**

333 Series Card Edge Connector
Part Number: 333-010-523-108

ACAD REFERENCE NO. 333 ENG MASTER
DRAWN: J.LEE   DATE: OCT. 14/09
CHECKED: DATE:
SCALE: NTS   SHEET 1 OF 4
DRAWING NUMBER   ISSUE
333 Assembly   1

0.120 [3.05]
0.245 [6.22]

.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]
0.170 [4.32]

.125 [3.18] to .185 [4.70]
Outside Tails

.045 [1.14] to .060 [1.52]
Between Tails

556 Contact Code

0.635 [16.13]
0.235 [5.97]

0.200 [5.08]
0.060 [1.52]

558 Contact Code

0.635 [16.13]
0.285 [7.24]

0.150 [3.81]
0.060 [1.52]

559 Contact Code

0.165 [4.19]
0.375 [9.53]

.125 [3.18] to .210 [5.33]
Outside Tails

.045 [1.14] to .060 [1.52]
Between Tails

560 Contact Code

333 Series Card Edge Connector
Contact Bend Detail

ACAD REFERENCE NO. 333 ENG MASTER

DRAWN: J.LEE	DATE: OCT. 14/09
CHECKED:	DATE:
SCALE: NTS	SHEET 2 OF 4

DRAWING NUMBER

333 Assembly

ISSUE

1

.010 [0.25]
Radial Float

0.116 [2.95] I.D.
Floating Eyelets

.128 [3.25] x
.146 [3.71] Slot

0.250 [6.35] Dia.

.156 [3.96] Dia
Through Holes

M3-0.5 Metric
Threaded Insert

#4-40 UNC
Threaded Insert

0.135 [3.43]

0.005 [0.13]

0.348 [8.84]

.128 [3.25] Dia
Through Holes

Code x01   Code x02   Code x03   Code x04   Code x07   Code x08   Code x12

333 Series Card Edge Connector
Mounting Options

EDAC INC
TORONTO, ONTARIO
CANADA
YOUR CONNECTION TO QUALITY & SERVICE

ACAD REFERENCE NO.   333 ENG MASTER

DRAWN: J.LEE   DATE: OCT. 14/09

CHECKED: DATE:

SCALE: NTS   SHEET 3 OF 4

DRAWING NUMBER   ISSUE

333 Assembly   1

Features

- .156 (3.96) Contact Spacing x .200 (5.08) Row Spacing
- Accepts .062 (1.57) Nominal Thickness P.C. Board
- High Profile Insulator Body .600 (15.24)
- Contact Termination Options include P.C. Tail, Wire Hole, Wire Wrap, 90 Degree, & Extender Board Bends
- Single or Dual Row Configurations
- Variety of Mounting Options, Flush or Offset Lugs
- Accepts Between Contact and In-Contact Polarizing Keys

Specifications

- Insulator Material: Thermoplastic Polyester, UL 94V-0, Colour: Green
- 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: 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

333 Series Card Edge Connector
Features and Specifications