Mounting Option
.344 (8.74) Offset Card Guides

Contact Detail
Wire Wrap .046x.013(1.17x0.33) - Tail LG=.708(17.98)
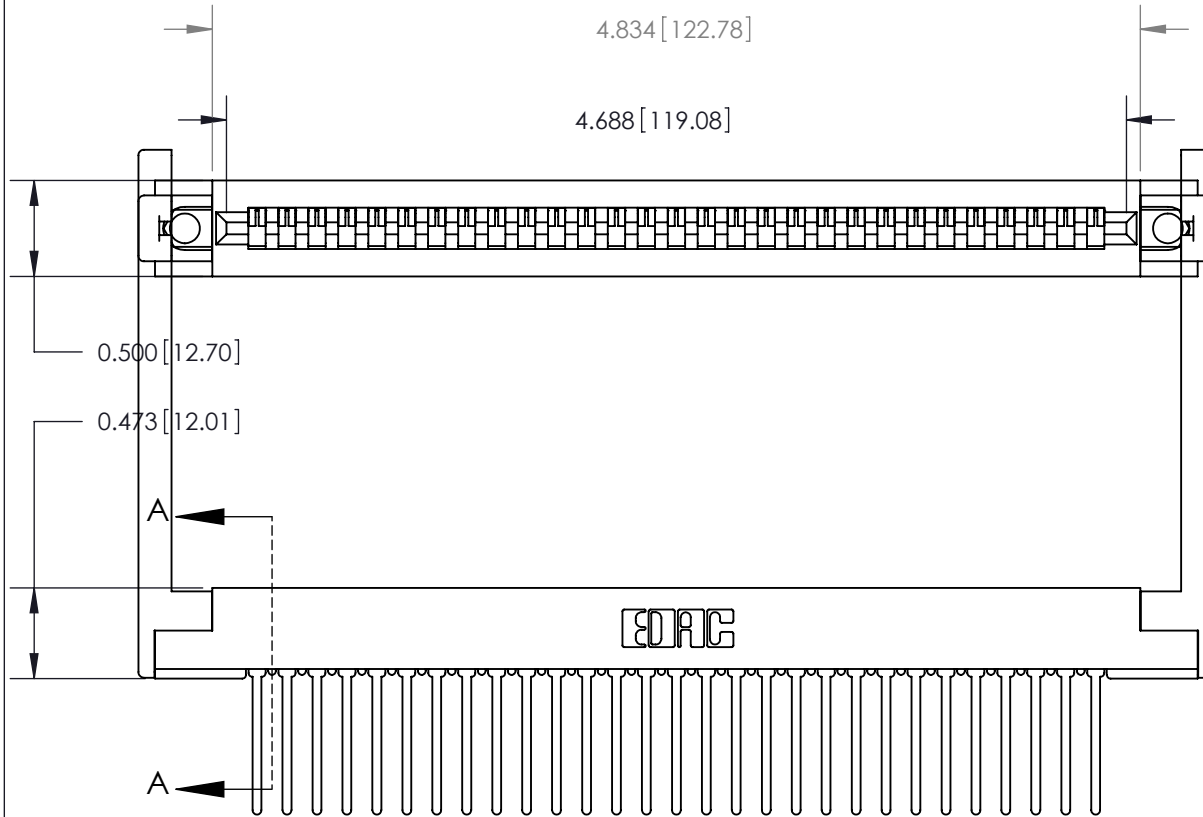.156 [3.96] Contact Spacing x .200 [5.08] Row Spacing

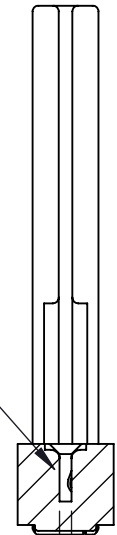THIS IS A C.A.D. GENERATED DRAWING
DO NOT MAKE MANUAL REVISIONS TO MASTER

4.834 [122.78]

4.688 [119.08]

0.500 [12.70]

0.473 [12.01]

A

EDAC

A

.175 [4.45] Point of Contact
(Measured from bottom of Card Slot)

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

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

807 Series High Temp Card Edge Connector
Part Number: 807-029-545-168

SECTION A-A

Single Row Contacts - Read One Side of Daughter Board

0.240 [6.10]

0.260 [6.60]

558 Contact Code

0.240 [6.10]

0.060 [1.52]

559 Contact Code

Single Row Contacts - Read Both Sides of Daughter Board

0.110 [2.79]

0.045 [1.14]

553 Contact Code

0.150 [3.81]

554 Contact Code

0.392 [9.96]

0.045 [1.14]

557 Contact Code

Dual Row Contacts - Read Both Sides of Daughter Board

0.120 [3.05]
0.265 [6.73]

.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]
0.195 [4.95]

.125 [3.18] to .185 [4.70]
Outside Tails
.045 [1.14] to .060 [1.52]
Between Tails

556 Contact Code

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

0.200 [5.08]
0.060 [1.52]

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

0.150 [3.81]
0.060 [1.52]

559 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

807 Series High Temp Card Edge Connector Contact Bend Detail	ACAD REFERENCE NO.	807 ENG MASTER	
	DRAWN: J.LEE	DATE: AUG. 11/09	
	CHECKED:	DATE:	
EDAC INC TORONTO, ONTARIO CANADA	SCALE: NTS	SHEET 2 OF 4	
YOUR CONNECTION TO QUALITY & SERVICE	DRAWING NUMBER 807 Assembly		ISSUE 1

Code x01

Code x12

0.125 [3.18]

.128 [3.25] Dia
Through Holes

.128 [3.25] Dia
Through Holes

Code x02

0.116 [2.95] I.D.
Floating Eyelets

0.250 [6.35] Dia.

.010 [0.25]
Radial Float

0.328 [8.33]

0.005 [0.13]

Code x03

.156 [3.96] Dia
Through Holes

Code x04

M3-0.5 Metric
Threaded Insert

Code x07

#4-40 UNC
Threaded Insert

Code x08

0.468 [11.89]

0.125 [3.18]

2.750 [69.85]

0.250 [6.35]

0.423 [10.74]

Code x58

0.344 [8.74]

0.060 [1.52]

2.500 [63.50]

0.250 [6.35]

0.242 [6.15]

Code x68

0.090 [2.29]

2.500 [63.50]

1.550 [39.37]

0.250 [6.35]

Code x78

807 Series High Temp Card Edge Connector Mounting Options

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: DAP
- 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 +165 °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