

Mounting Option

In-Line Card Guides

Contact Detail

PC Tail .023x.013(0.58x0.33) - Tail LG=.213(5.41)

.156 [3.96] Contact Spacing x .200 [5.08] Row Spacing

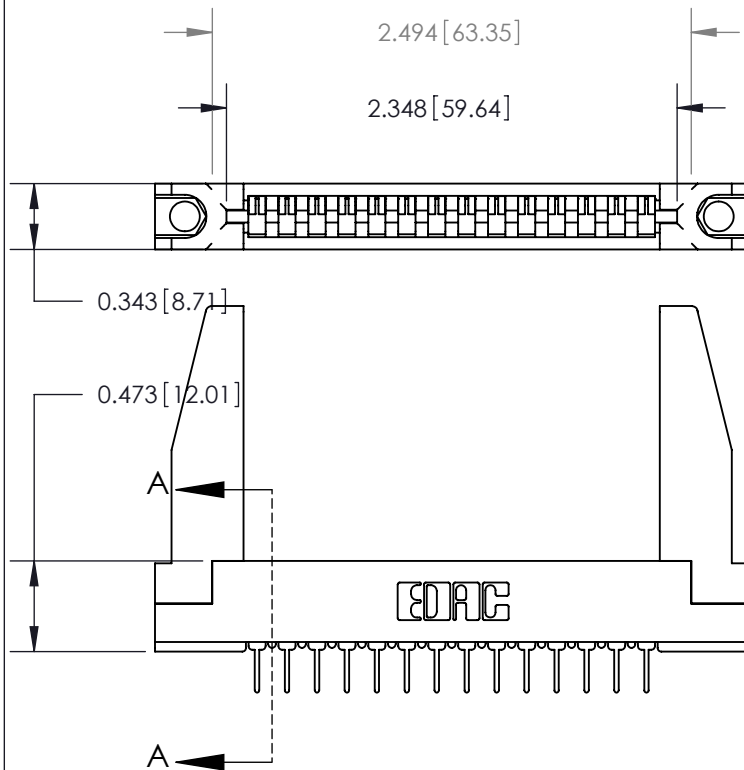
THIS IS A C.A.D. GENERATED DRAWING
DO NOT MAKE MANUAL REVISIONS TO MASTER.



ISSUE NUMBER

ORIGINAL

1



.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

SECTION A-A

See Accompanying Pages for:

- Contact Bend Details
- Mounting Options
- Features and Specifications

807 Series High Temp Card Edge Connector

Part Number: 807-014-531-178



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. 807 ENG MASTER

DRAWN: J.LEE DATE: AUG. 11/09

CHECKED: DATE:

SCALE: NTS SHEET 1 OF 4

DRAWING NUMBER

807 Assembly

ISSUE

1

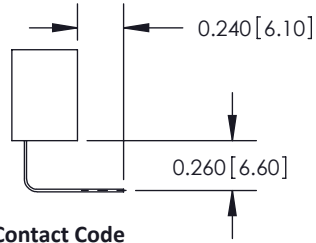
Single Row Contacts - Read One Side of Daughter Board

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

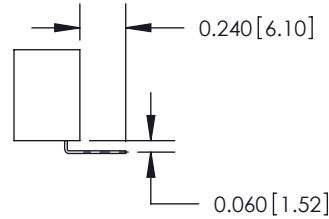


ISSUE NUMBER

ORIGINAL



558 Contact Code

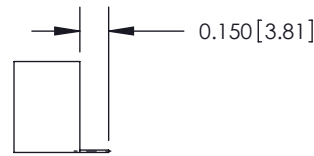


559 Contact Code

Single Row Contacts - Read Both Sides of Daughter Board



553 Contact Code

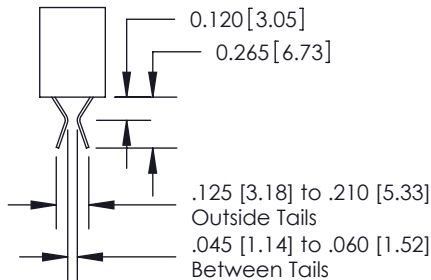


554 Contact Code

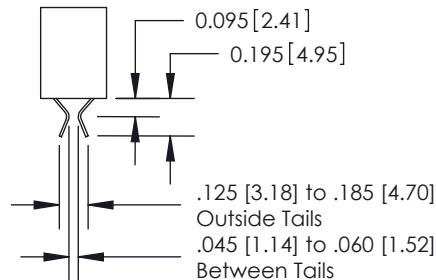


557 Contact Code

Dual Row Contacts - Read Both Sides of Daughter Board

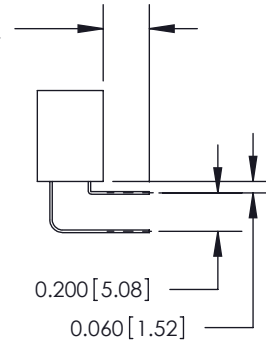


555 Contact Code

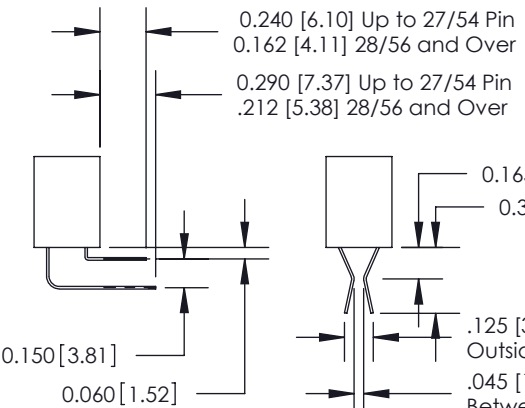


556 Contact Code

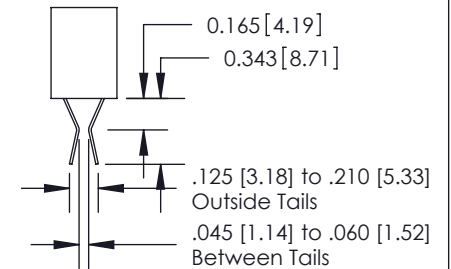
0.240 [6.10] Up to 27/54 Pin
0.162 [4.11] 28/56 and Over



558 Contact Code



559 Contact Code



560 Contact Code

807 Series High Temp Card Edge Connector Contact Bend Detail



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. 807 ENG MASTER

DRAWN: J.LEE DATE: AUG. 11/09

CHECKED: DATE:

SCALE: NTS SHEET 2 OF 4

DRAWING NUMBER

807 Assembly

ISSUE

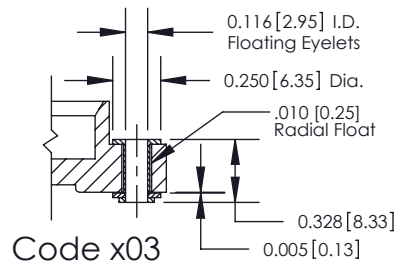
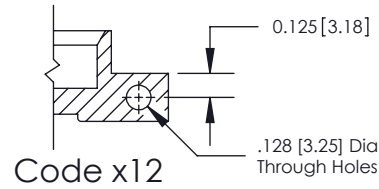
1

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



ISSUE NUMBER

ORIGINAL



807 Series High Temp Card Edge Connector Mounting Options



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. 807 ENG MASTER

DRAWN: J.LEE

DATE: AUG. 11/09

CHECKED:

DATE:

SCALE: NTS

SHEET 3 OF 4

DRAWING NUMBER

807 Assembly

ISSUE

1



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

807 Series High Temp Card Edge Connector Features and Specifications			ACAD REFERENCE NO. 807 ENG MASTER		
			DRAWN: J.LEE	DATE: AUG. 11/09	
			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 4 OF 4	
			DRAWING NUMBER		ISSUE
			807 Assembly		1