

**Mounting Option**

08-#4-40 Unified Threaded Inserts

**Contact Detail**

542-Wire Wrap .025 Sq.(0.64 Sq.) - Tail LG=.645(16.38)

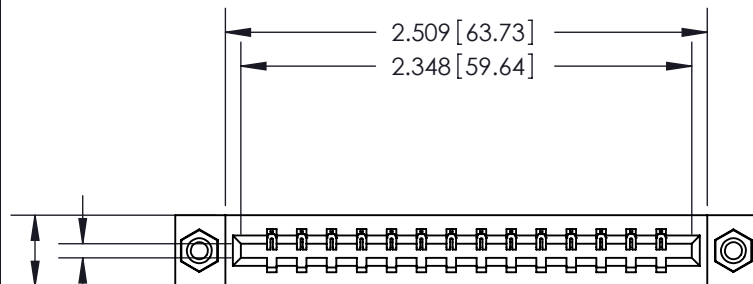
.156 [3.96] Contact Spacing x .200 [5.08] Row Spacing

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



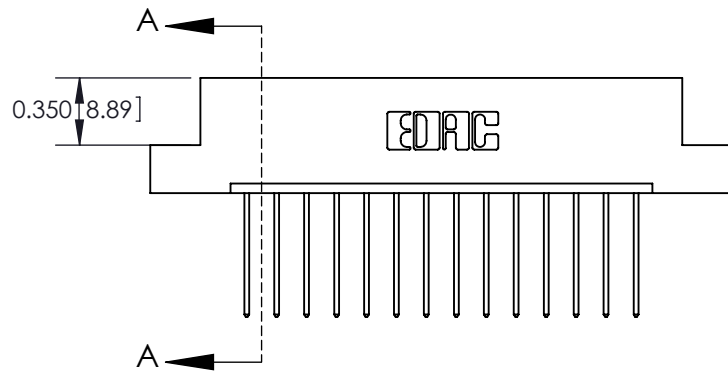
ISSUE NUMBER

ORIGINAL



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

0.370 [9.40]



SECTION A-A

See Accompanying Page for:

- Bend Detail
- Mounting Options
- Features and Specifications

333 Series Card Edge Connector

Part Number: 333-014-542-108



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. 333 ENG MASTER

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

CHECKED: DATE:

SCALE: NTS SHEET 1 OF 4

DRAWING NUMBER ISSUE

333 Assembly

1



555 Contact Code



556 Contact Code



558 Contact Code



559 Contact Code



560 Contact Code

333 Series 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. 333 ENG MASTER

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

CHECKED: DATE:

SCALE: NTS SHEET 2 OF 4

DRAWING NUMBER 333 Assembly ISSUE 1

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



ISSUE NUMBER

ORIGINAL



|  |  |                                   |                  |
|--|--|-----------------------------------|------------------|
| <b>333 Series Card Edge Connector<br/>Mounting Options</b>   |  | ACAD REFERENCE NO. 333 ENG MASTER |                  |
|  |  | DRAWN: J.LEE                      | DATE: OCT. 14/09 |
|  EDAC INC<br>TORONTO, ONTARIO<br>CANADA<br>YOUR CONNECTION TO QUALITY & SERVICE                              |  | CHECKED:                          | DATE:            |
|  |  | SCALE: NTS                        | SHEET 3 OF 4     |
| 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. |  | 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<br>Features and Specifications  |  | ACAD REFERENCE NO. 333 ENG MASTER |                  |
|  |  | DRAWN: J.LEE                      | DATE: OCT. 14/09 |
|  EDAC INC<br>TORONTO, ONTARIO<br>CANADA<br>YOUR CONNECTION TO QUALITY & SERVICE                              |  | CHECKED:                          | DATE:            |
|  |  | SCALE: NTS                        | SHEET 4 OF 4     |
| 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. |  | DRAWING NUMBER<br>333 Assembly    | ISSUE<br>1       |