

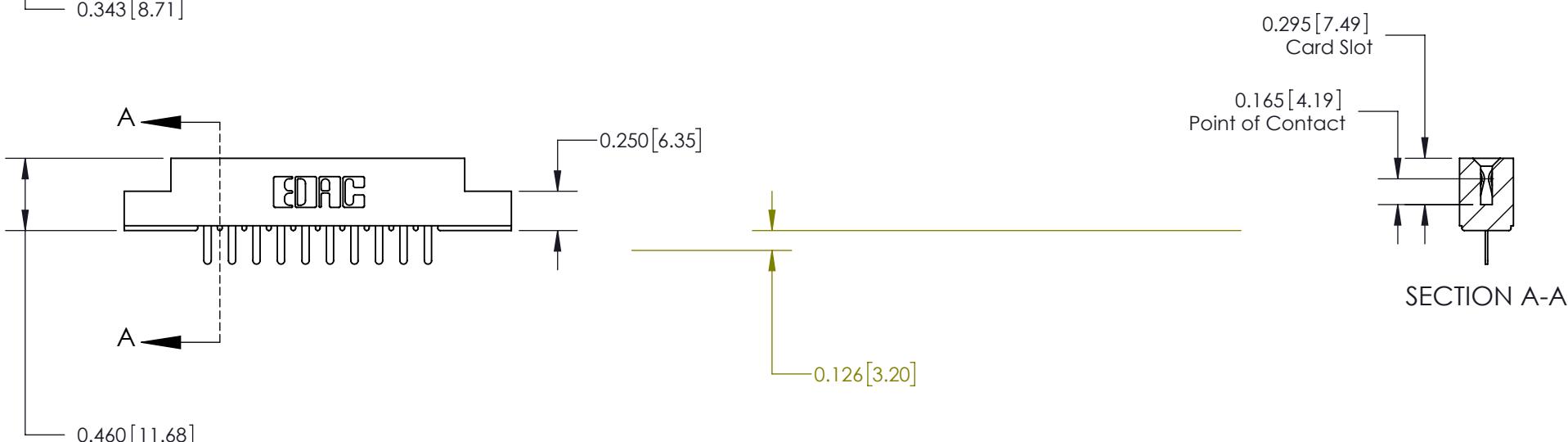
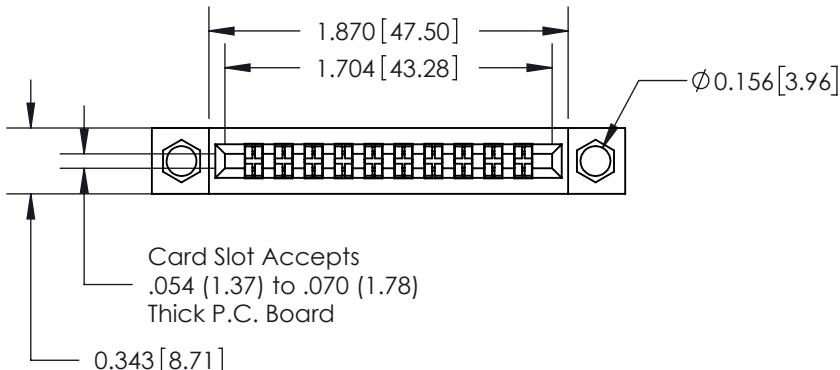
Mounting Option

178-In-Line Card Guides

Contact Detail520-P.C. Tail .046x.015(1.17x0.38) - Tail LG.=.213(5.41)
.156 [3.96] Contact Spacing with Single Centreline RowTHIS IS A C.A.D. GENERATED DRAWING
DO NOT MAKE MANUAL REVISIONS TO MASTER.

ISSUE NUMBER

ORIGINAL



See Accompanying Pages for:

- Mounting Options
- Features and Specifications

306 / 316 / 356 Card Edge Connector
Part Number: 316-010-520-178



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. 306 ENG MASTER

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

CHECKED: DATE:

SCALE: NTS SHEET 1 OF 3

DRAWING NUMBER

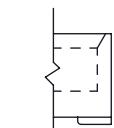
306 Assembly

1

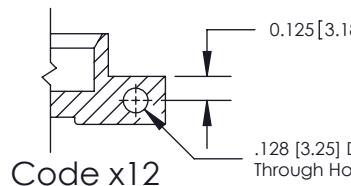
THIS IS A C.A.D. GENERATED DRAWING
DO NOT MAKE MANUAL REVISIONS TO MASTER.



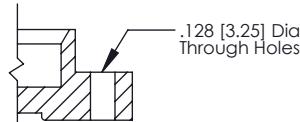
ISSUE NUMBER
ORIGINAL



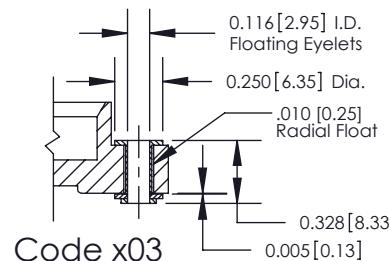
Code x01



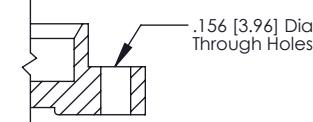
Code x12



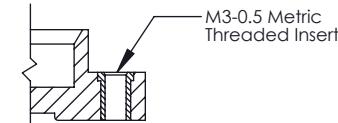
Code x02



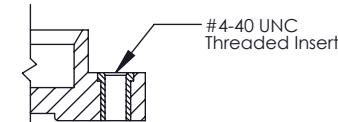
Code x03



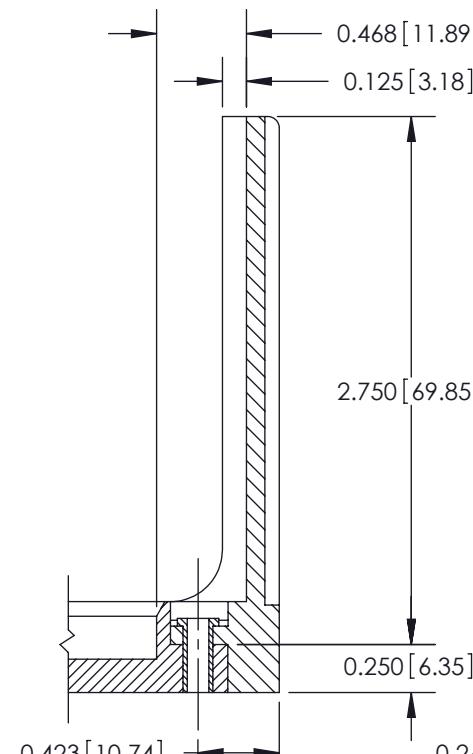
Code x04



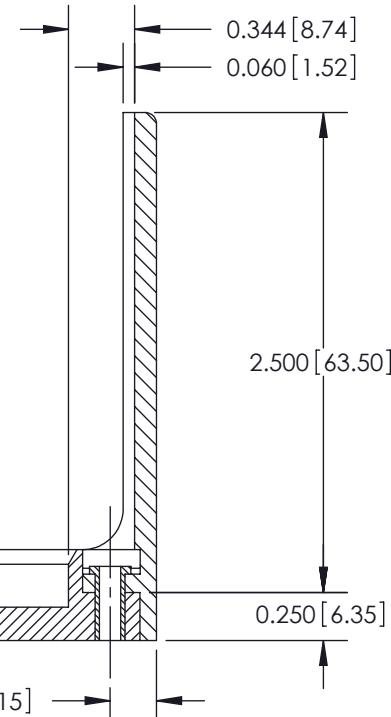
Code x07



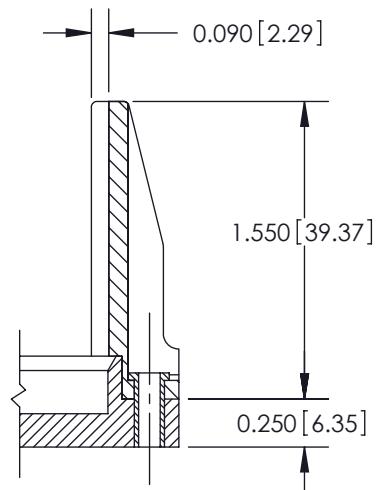
Code x08



Code x58



Code x68



Code x78

306 / 316 / 356 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. 306 ENG MASTER

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

CHECKED: DATE:

SCALE: NTS SHEET 2 OF 3

DRAWING NUMBER

306 Assembly

ISSUE

1



Features

- 316/306/356 Series UL Recognized
- .156 (3.96) Contact Spacing with Single Centreline Row
- Accepts .062 (1.57) Nominal Thickness P.C. Board
- Low Profile Insulator Body .460 (11.68)
- Contact Termination Options include P.C. Tail, Wire Hole & Wire Wrap
- Large Variety of Mounting Options
- Pre-assembled Card Guides Available
- Accepts Between Contact and In-Contact Polarizing Keys

Specifications

- Insulator Material: Thermoplastic Polyester, UL 94V-0
- Contact Material: Copper Alloy
- 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 +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

306 / 316 / 356 Card Edge Connector
Features and Specifications



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. 306 ENG MASTER	
DRAWN:	J.LEE
DATE:	SEPT. 14/09
CHECKED:	DATE:
SCALE:	NTS
SHEET 3 OF 3	
DRAWING NUMBER	ISSUE
306 Assembly	1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

EDAC:

[316-010-520-178](#)