

**Contact Dimensions:**

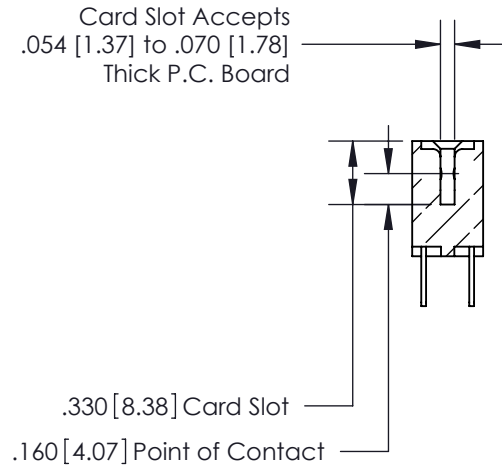
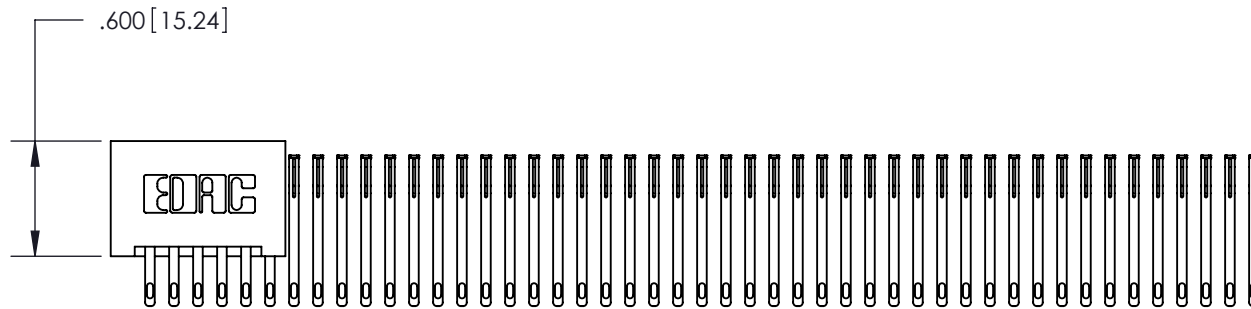
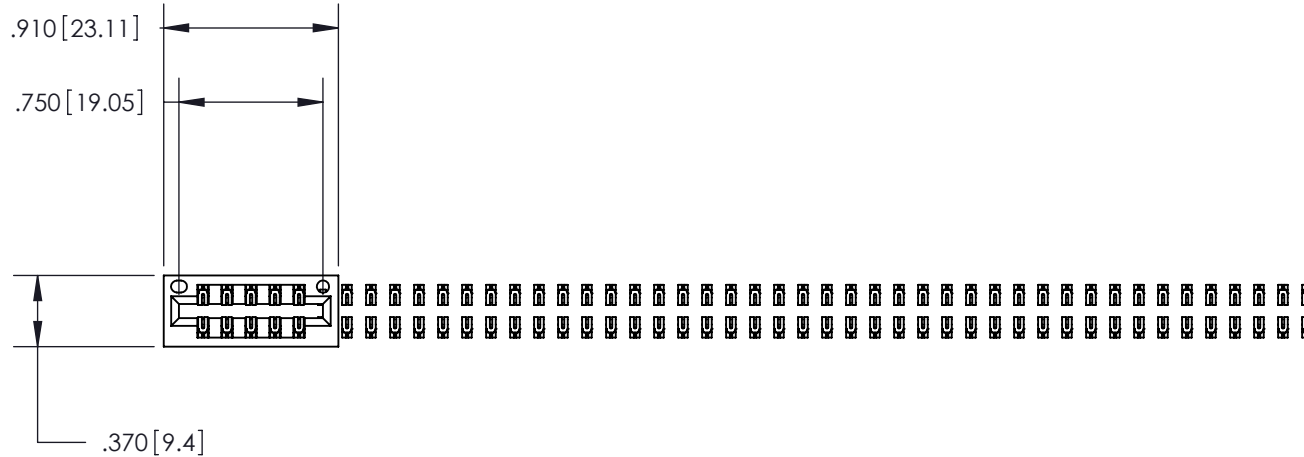
**500-Wire Hole .050x.025 (1.27x0.64) - Tail LG. =.260 (6.60)  
 .125 (3.18) Contact Spacing x .250 (6.35) Row Spacing**

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ISSUE NUMBER

ORIGINAL



- INSULATOR MATERIAL: THERMOPLASTIC POLYESTER, UL 94V-0
- CONTACT MATERIAL: COPPER, NICKEL, TIN ALLOY CA-725
- CONTACT PLATING: GOLD ON THE MATING AREA, TIN-LEAD ON THE CONTACT TAILS, NICKEL UNDERPLATE

\*FOR ALL OTHER SPECIFICATIONS REFER TO SHEET 4\*

**346/396 SERIES CARD EDGE CONNECTOR  
 PART NUMBER: 346-094-500-201**



YOUR CONNECTION TO QUALITY & SERVICE

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 CANADA

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ACAD REFERENCE NO. 346-ENG-MASTER

DRAWN: J.LEE DATE: APR. 22/09

CHECKED: DATE:

SCALE: 1:1 SHEET 1 OF 3

DRAWING NUMBER 346-ENG-MASTER ISSUE 1

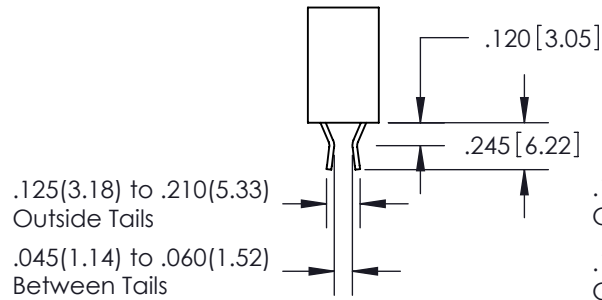
**Contact Description:**  
**555-Extender Board Bend (Code 500 Contacts)**

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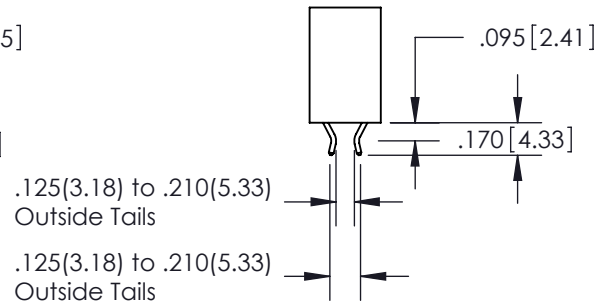


ISSUE NUMBER

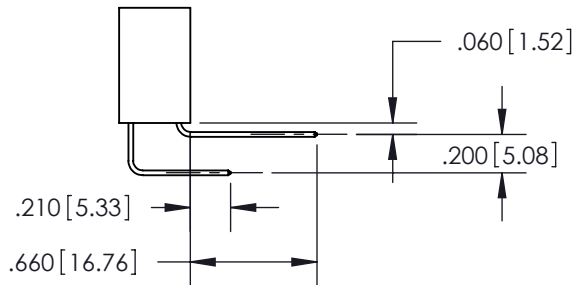
ORIGINAL



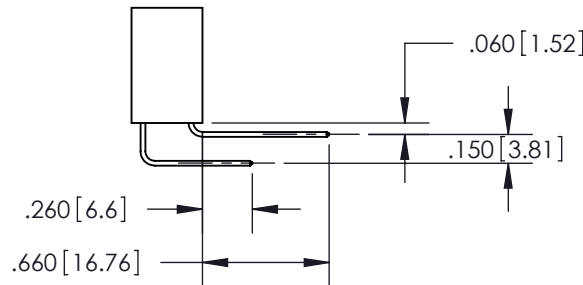
**Contact Code 555**



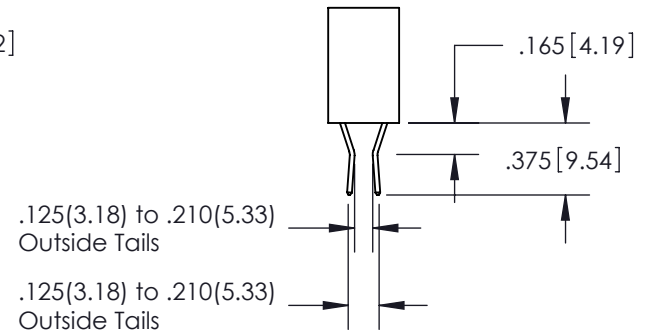
**Contact Code 556**



**Contact Code 558**



**Contact Code 559**



**Contact Code 560**

- INSULATOR MATERIAL: THERMOPLASTIC POLYESTER, UL 94V-0
- CONTACT MATERIAL: COPPER, NICKEL, TIN ALLOY CA-725
- CONTACT PLATING: GOLD ON THE MATING AREA, TIN-LEAD ON THE CONTACT TAILS, NICKEL UNDERPLATE

\*FOR ALL OTHER SPECIFICATIONS REFER TO SHEET 3\*

**346/396 SERIES CARD EDGE CONNECTOR  
 CONTACT CODE 555,556,558,559,560 DIMENSIONS**



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SCALE: 1:1 SHEET 2 OF 3

DRAWING NUMBER 346-ENG-MASTER ISSUE 1




**Features**

- CSA Approved and UL Recognized
- .125 (3.18) 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
- Large Variety of Mounting Options, Flush or Offset Lugs
- Pre-assembled Card Guides Available
- Accepts Between Contact and In-Contact Polarizing Keys
- Automatic Wire Wrap Positioning Holes

**Specifications**

- Insulator Material: Thermoplastic Polyester, UL 94V-0
- 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: 1500 V AC rms at Sea Level Between Adjacent Contacts
- Insulation Resistance: 5000 Megohms Minimum
- Operating Temperature: -65 to +125 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

<p><b>346/396 SERIES CARD EDGE CONNECTOR FEATURES AND SPECIFICATIONS</b></p>		ACAD REFERENCE NO. 346-ENG-MASTER	
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		SCALE: 1:1	SHEET 3 OF 3
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