

# CARD EDGE CONNECTOR, COMPLIANT TAIL

## .150" X .188" CONTACT SPACING, 0.045" SQ. TERMINALS



### Specifications

Insulator Material: Glass filled polyester, type PBT, 94 V-O, UL Rated.

Contact Material: Phosphor Bronze Alloy

Contact Plating: Gold and/or Tin over .000050" Nickel, (See Contact Plating Options).

Current Rating: 5 amp at 30°C

Contact Resistance:  
 Contact to Daughter Card:  
 10 m Ω max.  
 Compliant section to P.T.H.:  
 2 m Ω max.

Insulation Resistance:  
 5000 M Ω min.

Dielectric Withstand Voltage:  
 1800 V AC

Daughter Board Insertion Force:  
 16 oz max. per contact pair when tested with a .071" thick gage.

Daughter Board Withdrawal Force:  
 1 oz min. per contact pair when tested with a .054" thick gage.

Compliant Section Insertion Force:  
 40 lbs max. per contact

Compliant Section Withdrawal Force:  
 10 lbs min. per contact

Recommended Board Thickness:  
 .093"+

Operating Temperature:  
 -54°C to +125°C

### Features

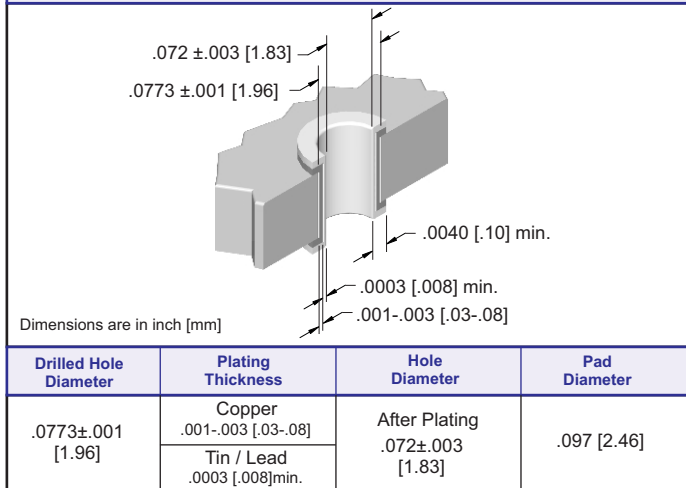
- Extra large chamfered entry
- Conforms to Bell-core spec TR-TSY-00078
- Extended card scoops available
- Replaceable contacts
- Molded in polarization available between contact, or on contact position.
- De-population of contacts per customer specification.
- Available in selective gold plate at contact point
- Accommodates .062 (.008) PC Board
- Bifurcated contacts
- Many custom options available, consult factory

For drawings, technical data or samples, contact E.C.S. at (714) 750-9410



Recognized under the recognized component Program of Underwriters Laboratories, Inc.  
 File Numbers: E176234

### Recommended Hole Size



NO. OF POS./CONTACTS	A	B	C	D	E	F
06/12	1.750 [44.45]	1.500 [38.10]	1.190 [30.23]	1.050 [26.67]	0.750 [19.05]	1.000 [25.40]
10/20	2.350 [59.69]	2.100 [53.34]	1.790 [45.47]	1.650 [41.91]	1.350 [34.29]	1.600 [40.64]
15/30	3.100 [78.74]	2.850 [72.39]	2.540 [64.52]	2.400 [60.96]	2.100 [53.34]	2.350 [59.69]
18/36	3.550 [90.17]	3.300 [83.82]	2.990 [75.95]	2.850 [72.39]	2.550 [64.77]	2.800 [71.12]
22/44	4.150 [105.41]	3.900 [99.06]	3.590 [91.19]	3.450 [87.63]	3.150 [80.01]	3.400 [86.36]
26/52	4.750 [120.65]	4.500 [114.30]	4.190 [106.43]	4.050 [102.87]	3.750 [95.25]	4.000 [101.60]
28/56	5.050 [128.27]	4.800 [121.92]	4.490 [114.05]	4.350 [110.49]	4.050 [102.87]	4.300 [109.22]
30/60	5.350 [110.49]	5.100 [129.54]	4.790 [121.67]	4.650 [118.11]	4.350 [110.49]	4.600 [116.84]
40/80	6.880 [173.99]	6.600 [167.64]	6.290 [159.77]	6.150 [156.21]	5.850 [148.59]	6.100 [154.94]
43/86	7.300 [185.42]	7.050 [179.07]	6.740 [171.20]	6.600 [167.64]	6.550 [166.37]	6.465 [171.83]

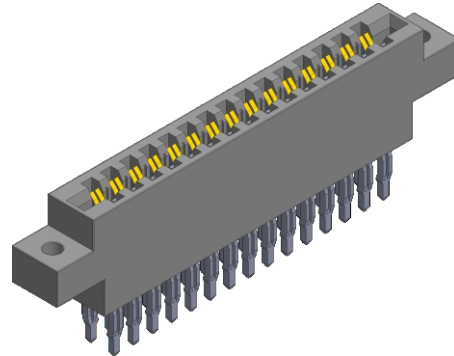
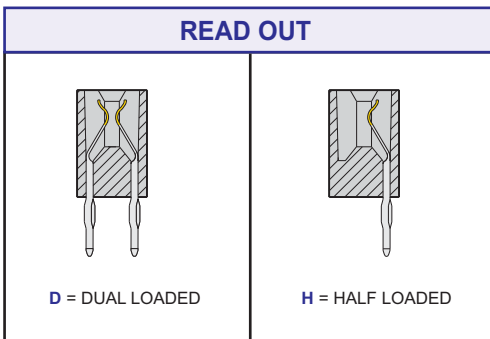
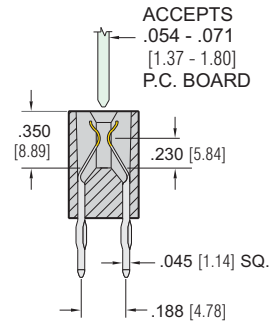
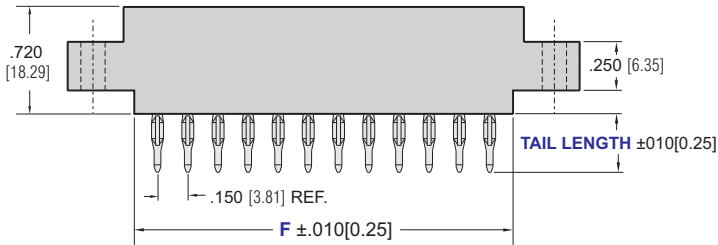
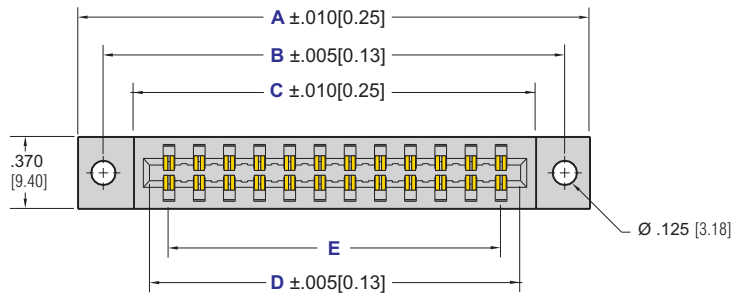
For reference only, can go 1 through 43 positions.

Dimensions are in inch [mm]

### MOUNTING STYLES

<p>1 = Clearance Hole</p>	<p>2 = #4-40 Threaded Insert</p>	<p>3 = Flush Mount</p>	<p>4 = #4-40 Threaded Insert</p>	<p>5 = No Mount Ear</p>
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.150" x .188" Contact Spacing, .045" sq. Terminals, Press Fit



### PART NUMBERING



#### SERIES CODE

.150" X .188" Contact Spacing

#### NO. CONTACT PAIRS

01 - 43

#### MOUNTING STYLE

- 1 = Clearance Hole
- 2 = #4-40 Threaded Insert
- 3 = Flush Mount
- 4 = Flush Mount / #4-40 Threaded Insert
- 5 = No Mounting Ear

#### READ OUT

- D = Dual Loaded
- H = Half Loaded

#### CUSTOM VARIATION

Consult Factory

#### PLATING

50 $\mu$ " Nickel Underplate	
<b>CONTACT</b>	<b>TAIL</b>
10 = 10 $\mu$ " Au	100 $\mu$ " Sn
20 = 15 $\mu$ " Au	100 $\mu$ " Sn
30 = 30 $\mu$ " Au	100 $\mu$ " Sn
40 = 10 $\mu$ " Au	5 $\mu$ " Au
50 = 15 $\mu$ " Au	5 $\mu$ " Au
60 = 30 $\mu$ " Au	5 $\mu$ " Au

#### TAIL LENGTH

- 1 = .250 [6.35]
- 2 = .570 [14.48]
- 3 = .750 [19.05]