

CARD EDGE CONNECTOR, COMPLIANT TAIL

.156" 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

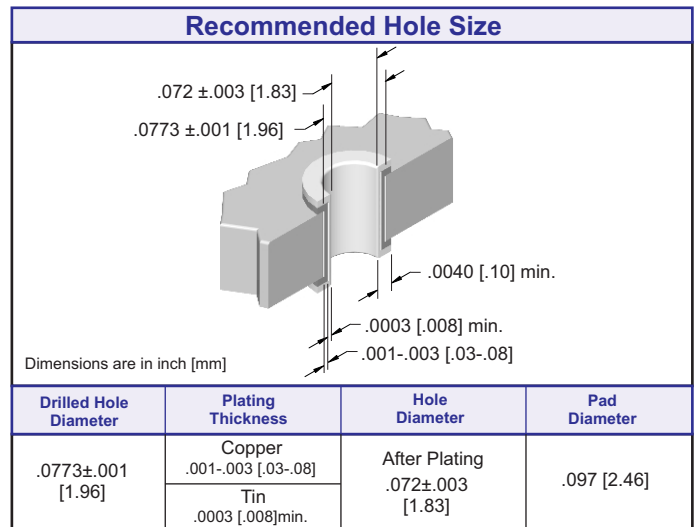


Recognized under the recognized component Program of Underwriters Laboratories, Inc.
 File Numbers: E176234

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



| NO. OF POS./CONTACTS | A | B | C | D | E |
|----------------------|----------------|----------------|----------------|----------------|----------------|
| 06/12 | 1.808 [45.92] | 1.532 [38.91] | 1.226 [31.14] | 1.106 [28.09] | 0.780 [19.81] |
| 10/20 | 2.432 [61.77] | 2.156 [54.76] | 1.850 [46.99] | 1.730 [43.94] | 1.404 [35.66] |
| 15/30 | 3.212 [81.59] | 2.936 [74.57] | 2.630 [66.80] | 2.510 [63.75] | 2.184 [55.47] |
| 18/36 | 3.680 [93.47] | 3.404 [86.46] | 3.098 [78.69] | 2.978 [75.64] | 2.652 [67.36] |
| 22/44 | 4.304 [109.32] | 4.028 [102.31] | 3.722 [94.54] | 3.602 [91.49] | 3.276 [83.21] |
| 28/56 | 5.240 [133.10] | 4.964 [126.09] | 4.658 [118.31] | 4.538 [115.27] | 4.212 [106.99] |
| 30/60 | 5.552 [141.02] | 5.276 [134.01] | 4.970 [126.24] | 4.850 [123.19] | 4.524 [114.91] |
| 40/80 | 7.112 [180.65] | 6.836 [173.63] | 6.530 [165.86] | 6.410 [162.81] | 6.084 [154.53] |
| 43/86 | 7.580 [192.53] | 7.310 [185.67] | 6.998 [177.75] | 6.878 [174.70] | 6.552 [166.43] |

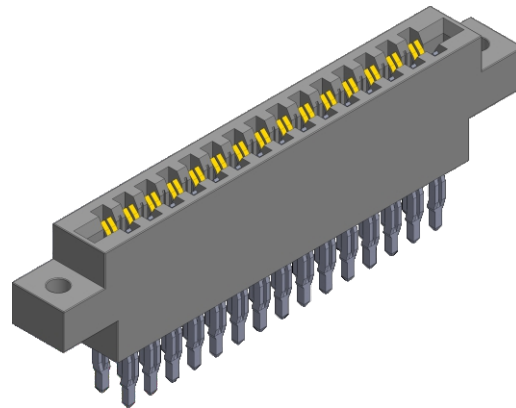
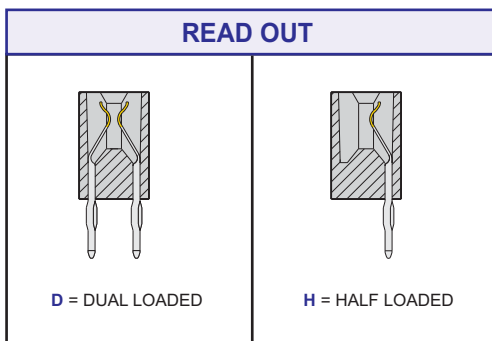
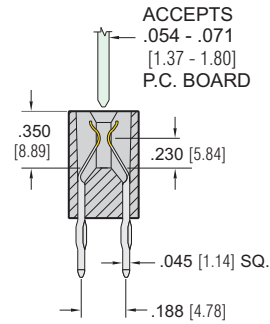
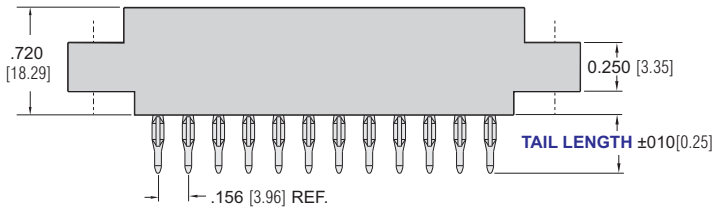
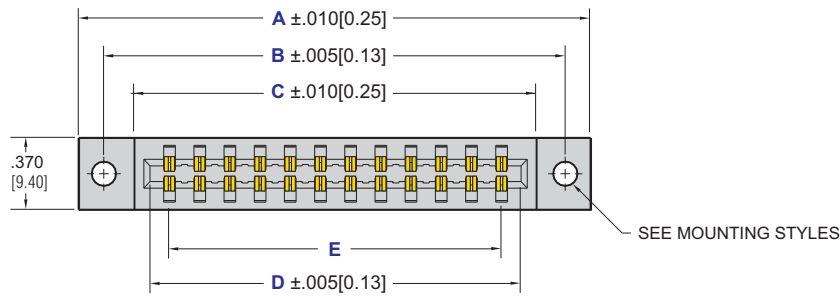
For reference only, can go 1 through 43 positions.

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> |
|---------------------------|----------------------------------|------------------------|----------------------------------|-------------------------|

.156" x .188" Contact Spacing, .045" sq. Pin, Press Fit



PART NUMBERING



SERIES CODE
 .156" 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
 50µ" Nickel Underplate

| | |
|----------------|-------------|
| CONTACT | TAIL |
| 10 = 10µ" Au | 100µ" Sn |
| 20 = 15µ" Au | 100µ" Sn |
| 30 = 30µ" Au | 100µ" Sn |
| 40 = 10µ" Au | 5µ" Au |
| 50 = 15µ" Au | 5µ" Au |
| 60 = 30µ" Au | 5µ" Au |

TAIL LENGTH

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

CONSULT FACTORY FOR CONNECTORS BUILT TO YOUR SPECIFICATION