

# CARD EDGE CONNECTOR, COMPLIANT TAIL

## .150"X.200" CONTACT SPACING, 0.630 HEIGHT



### 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

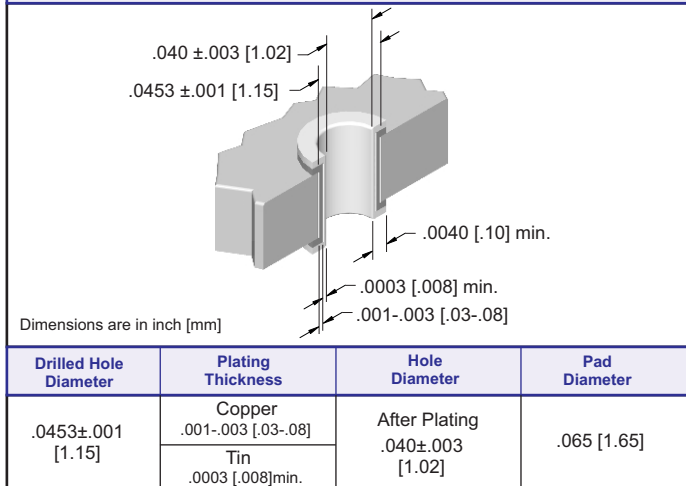
- Flat Plate Installation eliminates the need for secondary operation tooling which can damage the connector.
- Extra large chamfered entry
- Conforms to Bell-core spec TR-TSY-00078
- Extended card scoops available
- Replaceable contacts
- Molded in polarization available between contact, or on contact position.
- De-population of contacts per customer specification.
- Available in selective gold plate at contact point
- Many other custom options available, including, but not limited to:
  - Single or Both Ends Open
  - Shorting Contacts

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

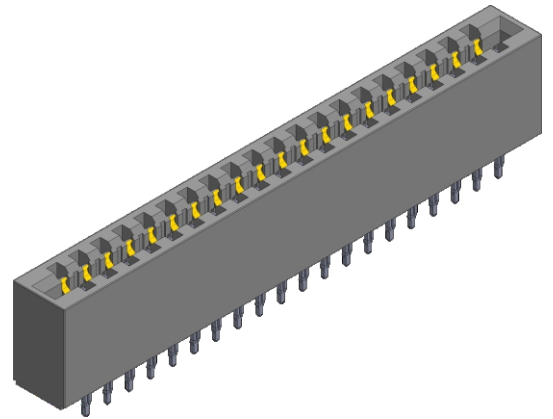
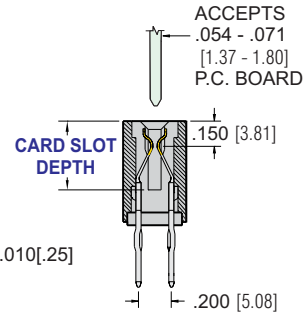
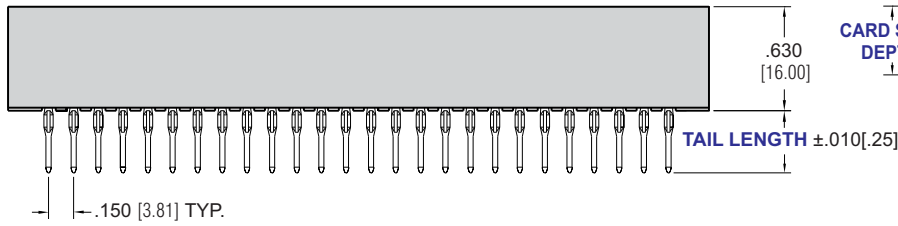
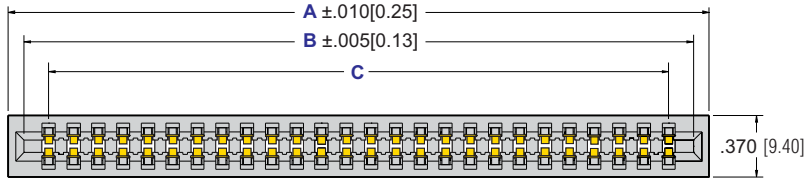


NO. OF POS./CONTACTS	A	B	C
06/12	1.186 [30.12]	1.050 [26.67]	0.750 [19.05]
10/20	1.786 [45.36]	1.650 [41.91]	1.350 [46.29]
12/24	2.086 [52.98]	1.950 [49.53]	1.650 [41.91]
15/30	2.536 [64.41]	2.300 [58.42]	2.100 [53.34]
18/36	2.986 [75.84]	2.850 [72.39]	2.550 [64.77]
20/40	3.286 [83.41]	3.150 [80.01]	2.850 [72.39]
22/44	3.586 [91.08]	3.450 [86.63]	3.150 [80.01]
25/50	4.036 [102.51]	3.900 [99.06]	3.600 [91.44]
28/56	4.486 [113.94]	4.350 [110.49]	4.050 [102.87]
30/60	4.786 [121.56]	4.650 [118.11]	4.350 [110.49]
31/62	4.936 [125.37]	4.800 [121.92]	4.500 [114.30]
35/70	5.536 [140.61]	5.400 [137.16]	5.100 [129.54]
36/72	5.686 [144.42]	5.550 [140.97]	5.250 [133.35]
40/80	6.286 [159.66]	6.150 [156.21]	5.850 [148.59]
43/86	6.736 [171.09]	6.600 [167.64]	6.300 [160.02]

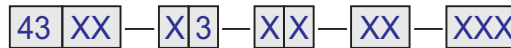
For reference only, can go 1 through 43 positions.

Dimensions are in inch [mm]

.150 x .200" Contact Spacing, Press Fit



## PART NUMBERING



**SERIES CODE**  
 .150" X .200" Contact Spacing

**NO. CONTACT PAIRS**  
 01 - 43

**SCOOPS**  
 S = With  
 N = Without

**CUSTOM VARIATION**  
 CONSULT FACTORY

**TAIL LENGTH**

.025 [.064] SQ.	.031 [.079] SQ.
1 = .190 [4.83]	A = .190 [4.83]
2 = .295 [7.49]	B = .295 [7.49]
3 = .385 [9.78]	C = .385 [9.78]
4 = .545 [13.84]	D = .545 [13.84]
5 = .595 [15.11]	E = .595 [15.11]

**CARD SLOT DEPTH**

1 = .415 [10.54]
2 = .350 [8.89]
3 = .300 [7.62]

**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