

# CARD EDGE CONNECTOR, SOLDER 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  $\Omega$  max.

Insulation Resistance:  
5000 M  $\Omega$  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.

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
- Many other custom options available, including, but not limited to:
- Single or Both Ends Open
- Shorting Contacts



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

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

POS. / CONTACTS	A	B	C	D	E	F
06/12	1.844 [46.84]	1.532 [38.91]	1.263 [32.08]	1.100 [27.94]	0.780 [19.81]	0.996 [25.30]
10/20	2.468 [62.69]	2.158 [54.81]	1.877 [47.67]	1.724 [43.79]	1.404 [35.66]	1.620 [41.15]
15/30	3.248 [82.50]	2.938 [74.63]	2.667 [67.74]	2.504 [63.60]	2.184 [55.47]	2.400 [60.96]
18/36	3.716 [94.39]	3.406 [86.51]	3.135 [79.63]	2.972 [75.49]	2.652 [67.36]	2.868 [72.85]
22/44	4.340 [110.24]	4.030 [102.36]	3.759 [95.48]	3.596 [91.34]	3.276 [83.21]	3.492 [88.70]
28/56	5.276 [134.01]	4.968 [126.19]	4.695 [119.25]	4.532 [115.11]	4.212 [106.99]	4.428 [112.47]
30/60	5.588 [141.94]	5.278 [134.06]	5.007 [127.18]	4.844 [123.04]	4.524 [114.91]	4.740 [120.40]
40/80	7.148 [181.56]	6.830 [173.48]	6.567 [166.80]	6.404 [162.66]	6.084 [154.53]	6.300 [160.02]
43/86	7.616 [193.45]	7.306 [185.57]	7.035 [178.69]	6.872 [174.55]	6.552 [166.43]	6.768 [171.91]

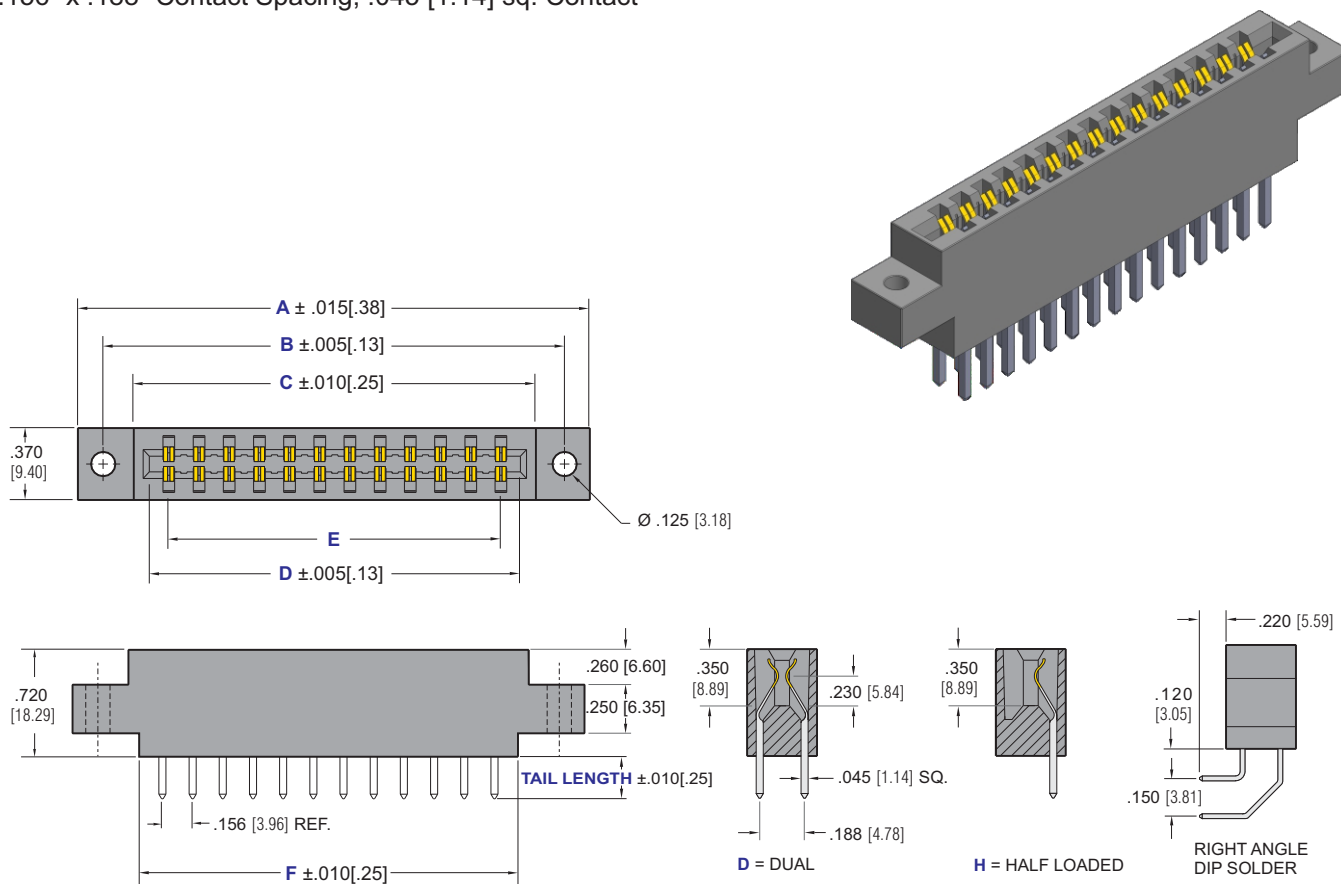
For reference only, can go 1 through 43 positions.

Dimensions are in inch [mm]

## MOUNTING STYLES

1 = Clearance Hole	2 = #4-40 Threaded Insert	3 = Flush Mount	4 = #4-40 / Flush Mount	5 = No Mounting Ear	6 = Floating Bushing

.156" x .188" Contact Spacing, .045 [1.14] sq. Contact



## PART NUMBERING

35 XX - XX - XX - XX - XXX

### SERIES CODE

.156 X .188 DIP Solder / Wire Wrap

### NO. CONTACT PAIRS

01 - 43

### TERMINATION TYPE

1 = Straight @ .045 SQ.  
2 = Right Angle @ .045 SQ.

### BODY STYLE

1 = Clearance Hole  
2 = #4-40 Threaded Insert  
3 = Flush Mount  
4 = Flush Mount / #4-40 Threaded Insert  
5 = No Mounting Ears  
6 = Floating Bushing

### CUSTOM VARIATION

CONSULT FACTORY

### TAIL LENGTH

1 = .250 [6.35] Dip Solder  
2 = .570 [14.48] Dip Solder  
3 = .750 [19.05] Dip Solder  
4 = .220 [5.59] Right Angle

### READOUT

D = Dual  
H = Half Loaded

### PLATING

50μ" Nickel Underplate

#### CONTACT

10 = 10μ" Au  
20 = 15μ" Au  
30 = 30μ" Au  
40 = 10μ" Au  
50 = 15μ" Au  
60 = 30μ" Au

#### TAIL

100μ" Sn  
100μ" Sn  
100μ" Sn  
5μ" Au  
5μ" Au  
5μ" Au