

CARD EDGE CONNECTOR, SOLDER TAIL .125" X .250" CONTACT SPACING



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: 3 amp at 30°C

Contact Resistance:
Contact to Daughter Card:
10 m Ω max.

Insulation Resistance:
5000 M Ω min.

Dielectric Withstand Voltage:
1500 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 |
|-----------------|----------------|----------------|----------------|
| 06/12 | 1.011 [25.68] | 0.875 [22.23] | 0.625 [15.88] |
| 10/20 | 1.511 [38.38] | 1.375 [34.93] | 1.125 [28.58] |
| 12/24 | 1.761 [44.73] | 1.625 [41.28] | 1.375 [34.93] |
| 16/32 | 2.261 [57.43] | 2.125 [53.98] | 1.875 [47.63] |
| 18/36 | 2.511 [63.78] | 2.375 [60.33] | 2.125 [53.98] |
| 20/40 | 2.761 [70.13] | 2.625 [66.68] | 2.375 [60.33] |
| 22/44 | 3.011 [76.48] | 2.875 [73.03] | 2.625 [66.68] |
| 25/50 | 3.386 [86.00] | 3.250 [82.55] | 3.000 [76.20] |
| 28/56 | 3.761 [95.53] | 3.625 [92.08] | 3.375 [85.73] |
| 30/60 | 4.011 [101.88] | 3.875 [98.43] | 3.625 [92.08] |
| 36/72 | 4.761 [120.93] | 4.625 [117.48] | 4.375 [111.13] |
| 38/76 | 5.011 [127.28] | 4.875 [123.83] | 4.625 [117.48] |
| 40/80 | 5.261 [133.63] | 5.125 [130.18] | 4.875 [123.83] |
| 43/86 | 5.626 [143.15] | 5.500 [139.70] | 5.250 [133.35] |
| 50/100 | 6.511 [165.38] | 6.375 [161.93] | 6.125 [155.58] |
| 51/102 | 6.636 [168.55] | 6.500 [165.10] | 6.250 [158.75] |
| 56/112 | 7.261 [184.43] | 7.125 [180.98] | 6.875 [174.63] |
| 60/120 | 7.761 [197.13] | 7.625 [193.68] | 7.375 [187.33] |

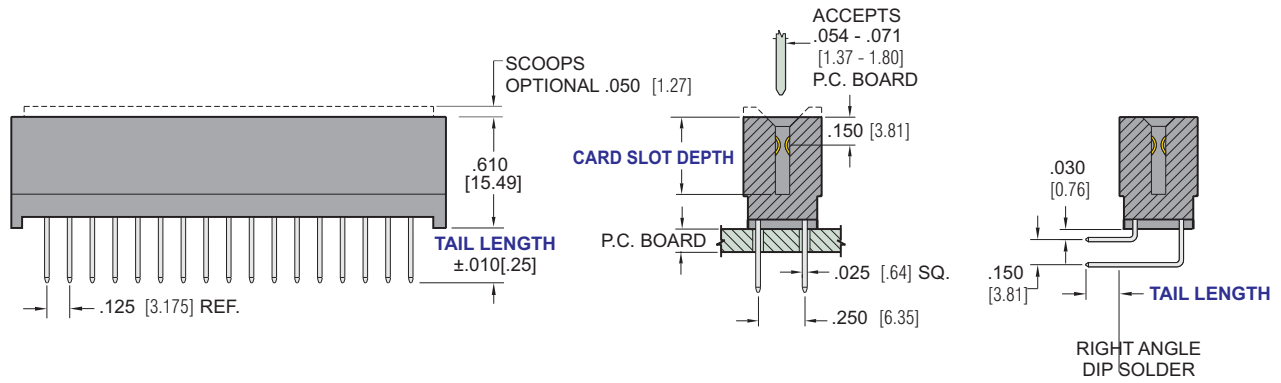
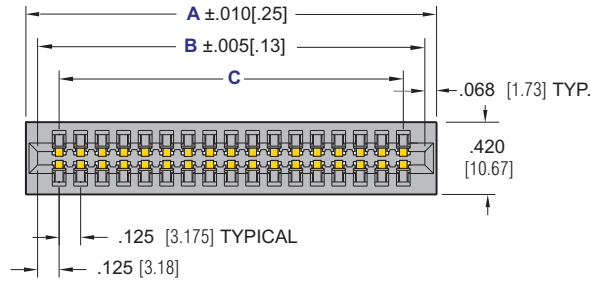
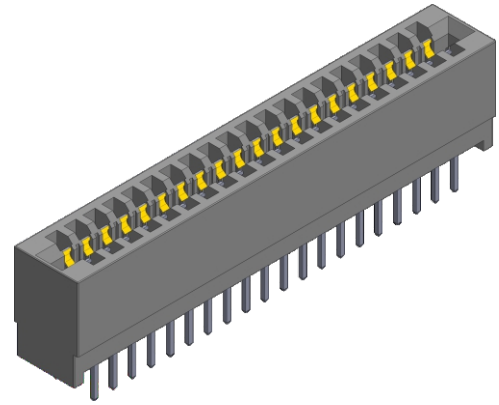
For reference only, can go 1 through 60 positions.

Dimensions are in inch [mm]

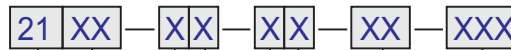
MOUNTING STYLES

| | | | | | |
|--------------------|---------------------------|-----------------|---------------------------|---------------------|-------------------|
| | | | | | |
| 1 = Clearance Hole | 2 = #4-40 Threaded Insert | 3 = Flush Mount | 4 = #4-40 Threaded Insert | 5 = No Mounting Ear | 6 = Side Mounting |

.125" x .250" Contact Spacing



PART NUMBERING



SERIES CODE

.125 x .250 Centers Card Edge

NO. CONTACT PAIRS

01 - 60

SCOOPS

S = With
N = Without

MOUNTING STYLES

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

CUSTOM VARIATION
CONSULT FACTORY

TAIL LENGTH

- 1 = .190 [4.83]
- 2 = .315 [8.00]
- 3 = .405 [10.29]
- 4 = .565 [14.35]
- 5 = .650 [16.51]
- 6 = .100 [2.54] Right Angle
- 7 = .180 [4.57] Right Angle
- 8 = .250 [6.35] Right Angle

CARD SLOT DEPTH

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

PLATING

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