



3200 Series Card Edge Connector

.156" X .200" Contact Spacing, Bellow Contacts

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.

Insulation Resistance:
5000 M Ω min.

Dielectric Withstand Voltage:
1800 V AC

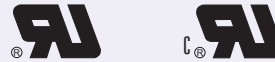
Daughter Board Insertion Force:
16 oz max. per contact pair
when tested with a .071" thick
gage.

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

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

Features

- Extra large chamfer 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



Recognized under the recognized component Program of Underwriters Laboratories, Inc. File Numbers: E146967 and E176234

POS. / CONTACTS	A	B	C	D	E	F
06/12	0.780 [19.81]	1.102 [27.99]	1.221 [31.01]	1.534 [38.96]	1.784 [45.31]	1.030 [26.16]
08/16	1.092 [27.74]	1.414 [35.92]	1.533 [38.94]	1.846 [46.89]	2.096 [53.24]	1.342 [34.09]
10/20	1.404 [35.66]	1.726 [43.84]	1.845 [46.86]	2.158 [54.81]	2.408 [61.16]	1.654 [42.01]
12/24	1.716 [43.59]	2.038 [51.76]	2.157 [54.79]	2.470 [62.74]	2.720 [69.09]	1.966 [49.94]
15/30	2.184 [55.47]	2.506 [63.65]	2.625 [66.67]	2.938 [74.63]	3.188 [80.98]	2.434 [61.82]
18/36	2.652 [67.36]	2.974 [75.54]	3.093 [78.56]	3.406 [86.51]	3.656 [92.86]	2.902 [73.71]
20/40	2.964 [75.29]	3.286 [83.46]	3.405 [86.49]	3.718 [94.44]	3.968 [100.79]	3.214 [81.64]
22/44	3.276 [83.21]	3.598 [91.39]	3.717 [94.41]	4.030 [102.36]	4.280 [108.71]	3.526 [89.56]
24/48	3.588 [91.14]	3.910 [99.31]	4.029 [102.34]	4.342 [110.29]	4.592 [116.64]	3.838 [97.49]
25/50	3.744 [95.10]	4.066 [103.27]	4.185 [106.30]	4.498 [114.25]	4.748 [120.60]	3.994 [101.45]
28/56	4.212 [106.98]	4.534 [115.16]	4.653 [118.19]	4.966 [126.14]	5.216 [132.49]	4.462 [113.33]
30/60	4.524 [114.91]	4.846 [123.09]	4.965 [126.11]	5.278 [134.06]	5.528 [140.41]	4.774 [121.26]
31/62	4.680 [118.87]	5.002 [127.05]	5.121 [130.07]	5.434 [138.02]	5.684 [144.37]	4.930 [125.22]
36/72	5.460 [138.68]	5.782 [146.86]	5.901 [149.89]	6.214 [157.84]	6.464 [164.19]	5.710 [145.03]
40/80	6.084 [154.53]	6.406 [162.20]	6.525 [165.73]	6.838 [173.68]	7.088 [180.03]	6.334 [160.88]
43/86	6.552 [166.42]	6.874 [174.75]	6.993 [177.80]	7.306 [185.47]	7.556 [193.04]	6.802 [172.77]

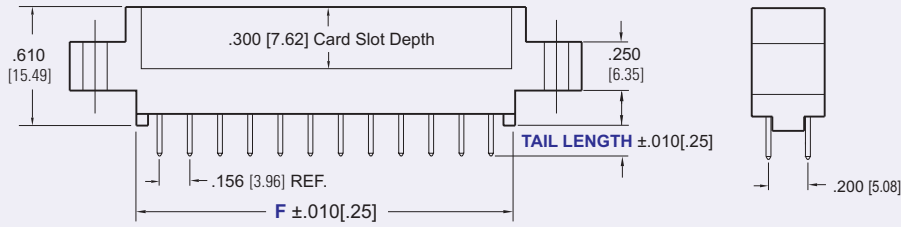
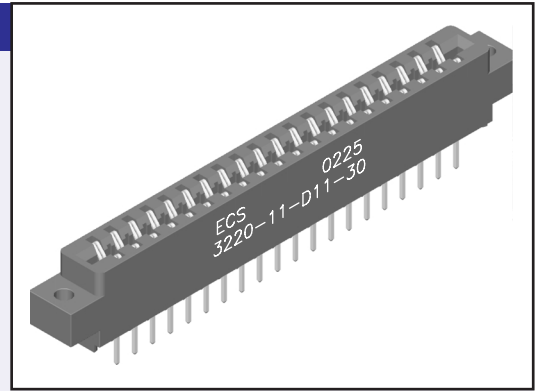
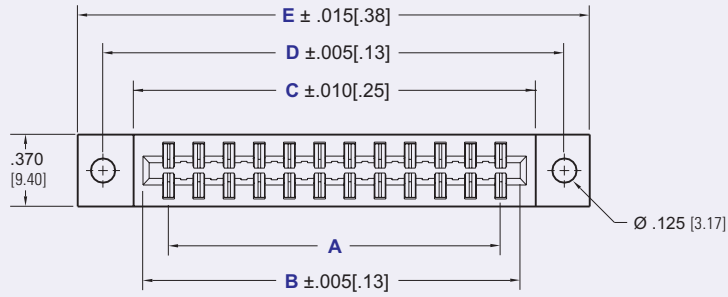
For reference only, can go 1 through 43 positions

Dimensions are in inch [mm]

MOUNTING STYLE

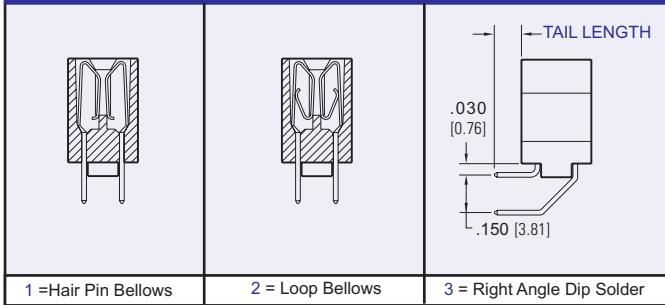
1 = Clearance Hole	2 = #4-40 Threaded Insert	3 = Flush Mount	4 = #4-40 Threaded Insert	5 = No Mounting Ear	6 = Side Mounting

.156" x .200" Contact Spacing, Bellow Contacts

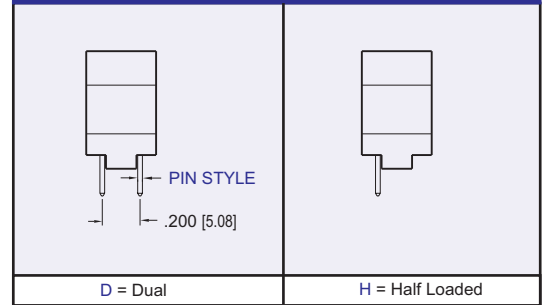


Dimensions are in inch [mm]

TERMINATION TYPE



READOUT



PART NUMBERING



SERIES CODE

.156" X .200" Dip Solder / Wire Wrap

NO. CONTACT PAIRS

06 - 43

TERMINATION TYPE

- 1 = Hairpin Bellows
- 2 = Loop Bellows
- 3 = Right Angle Bellows

MOUNTING STYLE

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

READOUT

- D = Dual
- H = Half Loaded

TAIL LENGTH

- 1 = .190 [4.83] Dip Solder
- 2 = .560 [14.22] Wire Wrap
- 3 = .100 [2.54] Right Angle
- 4 = .180 [4.57] Right Angle
- 5 = .250 [6.35] Right Angle

PIN STYLE

- 1 = .025 SQ.
- 2 = .026 DIA.

CUSTOM VARIATION
CONSULT FACTORY

PLATING

CONTACT	TAIL
50 μ " Nickel Underplate	
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

CONSULT FACTORY FOR CONNECTORS BUILT TO YOUR SPECIFICATION