



3400 Series Card Edge Connector

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

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.

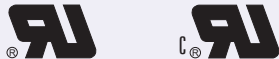
Compliant Section Insertion Force:
 40 lbs max. per contact

Compliant Section Withdrawal Force:
 10 lbs min. per contact

Recommended Board Thickness:
 .093"+

Recommended PCB Layout Page A-33

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

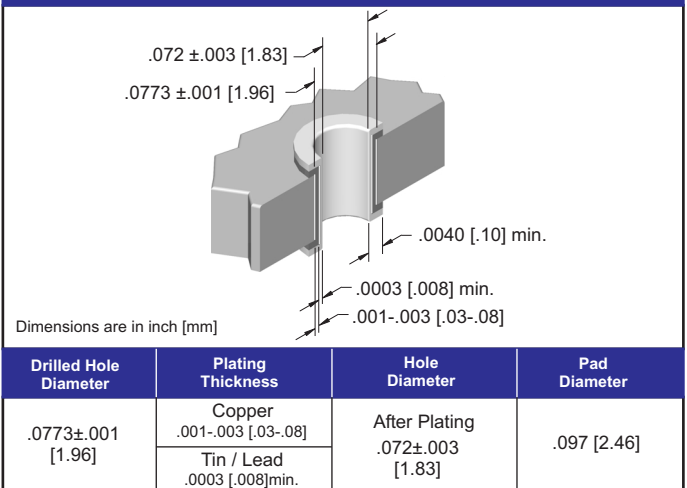


Recognized under the recognized component Program of Underwriters Laboratories, Inc.
 File Numbers: E146967 and E176234

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

Recommended Hole Size



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]

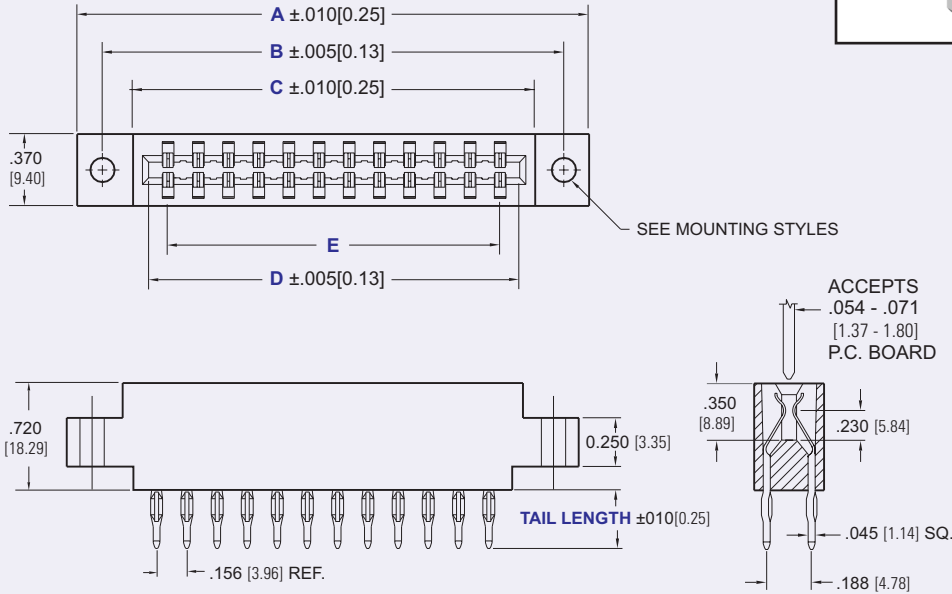
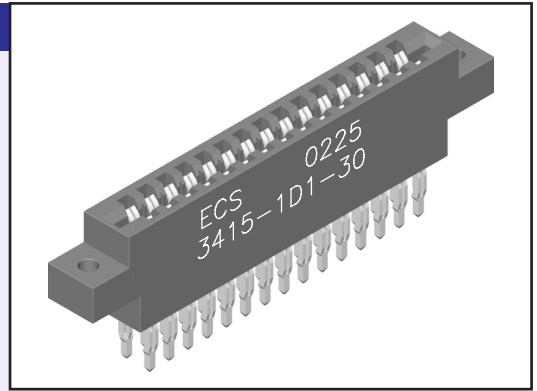
For reference only, can go 1 through 43 positions.

Dimensions are in inch [mm]

MOUNTING STYLE

<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 Mounting Ear</p>
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.156" x .188" Contact Spacing, .045" sq. Pin, Press Fit



Read Out



D = DUAL



H = HALF LOADED

Dimensions are in inch [mm]

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

TAIL LENGTH

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

CUSTOM VARIATION
Consult Factory

PLATING
50 μ m Nickel Underplate

CONTACT	TAIL
10 = 10 μ m Au	100 μ m Sn
20 = 15 μ m Au	100 μ m Sn
30 = 30 μ m Au	100 μ m Sn
40 = 10 μ m Au	5 μ m Au
50 = 15 μ m Au	5 μ m Au
60 = 30 μ m Au	5 μ m Au

CONSULT FACTORY FOR CONNECTORS BUILT TO YOUR SPECIFICATION