



1000 Series Card Edge Connector, AT Style

.100" X .200" Contact Spacing, 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: 3 amp at 30°C

Contact Resistance:

- Contact to Daughter Card: 10 m max.
- Compliant section to P.T.H.: 2 m max.

Insulation Resistance: 5000 M min.

Dielectric Withstand Voltage: 1000 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

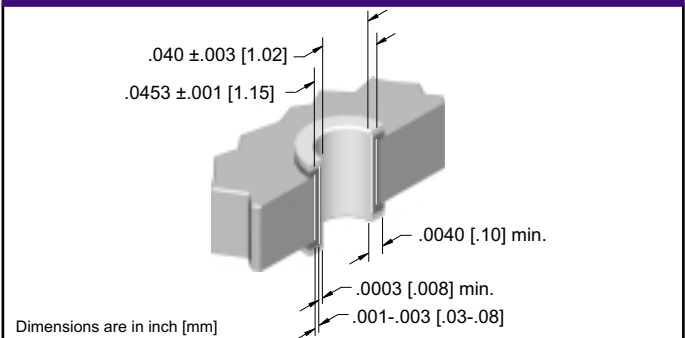


Recognized under the recognized component Program of Underwriters Laboratories, Inc.
File Numbers: E146967 and E176234

Features

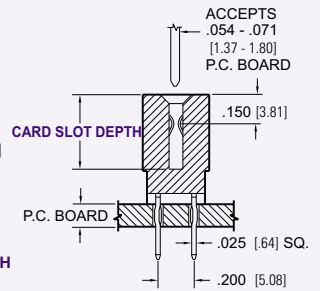
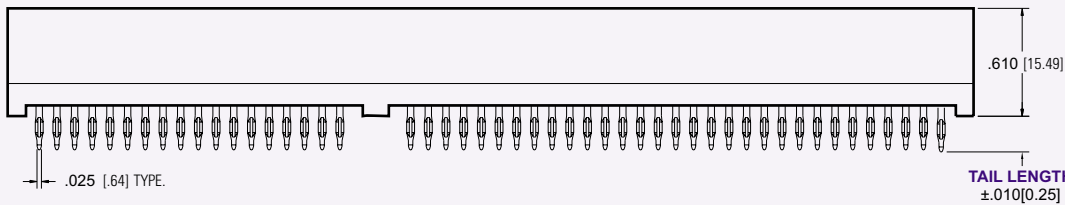
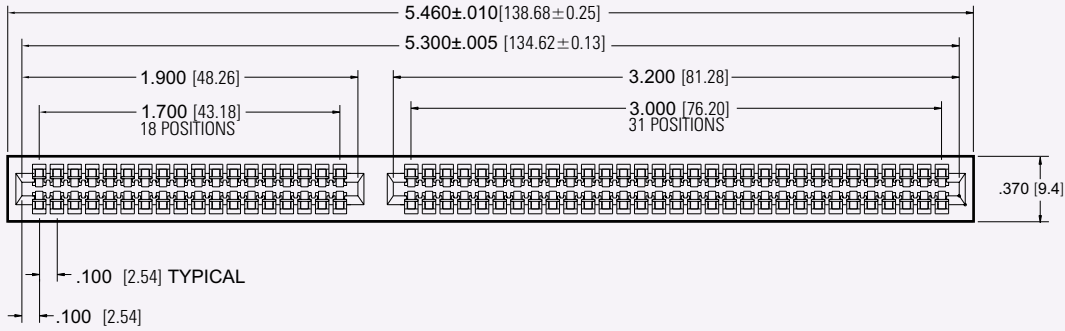
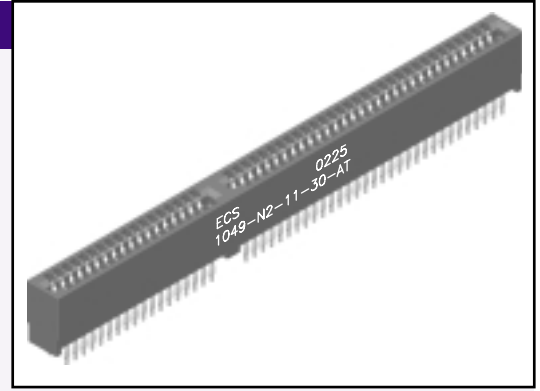
- Flat Plate Installation eliminates the need for secondary operation tooling which can damage the connector.
- Extra large chamfered entry
- Conforms to Bell-core spec TR-TSY-00078
- Extended card scoops available
- Replaceable contacts
- Molded in polarization available between contact, or on contact 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

Recommended Hole Size



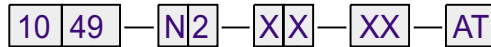
Drilled Hole Diameter	Plating Thickness	Hole Diameter	Pad Diameter
.0453±.001 [1.15]	Copper .001-.003 [.03-.08]	After Plating .040±.003 [1.02]	.065 [1.65]
	Tin / Lead .0003 [.008]min.		

.100" x .200" Contact Spacing, AT Style, Press Fit



Dimensions are in inch [mm]

PART NUMBERING



SERIES CODE
 .100" x .200" Centers, AT Style

NO. CONTACT PAIRS

CARD SLOT DEPTH

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

TAIL LENGTH

- 1 = .190 [4.83]
- 2 = .375 [9.53]
- 3 = .465 [11.81]
- 4 = .625 [15.88]
- 5 = .710 [18.03]

PLATING

50µ" Nickel Underplate

CONTACT	TAIL
10 = 10µ" Gold	100µ" Tin Lead
20 = 15µ" Gold	100µ" Tin Lead
30 = 30µ" Gold	100µ" Tin Lead
40 = 10µ" Gold	5µ" Gold
50 = 15µ" Gold	5µ" Gold
60 = 30µ" Gold	5µ" Gold

CONSULT FACTORY FOR CONNECTORS BUILT TO YOUR SPECIFICATION