



4500 Series Card Edge Connector

.150" X .150" 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: 5 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: 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

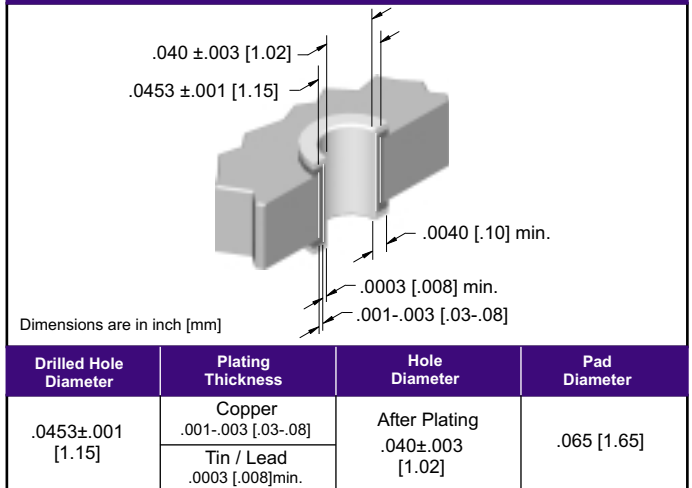


Recognized under the recognized component Program of Underwriters Laboratories, Inc.
 File Numbers: E146967 and E176234

Features

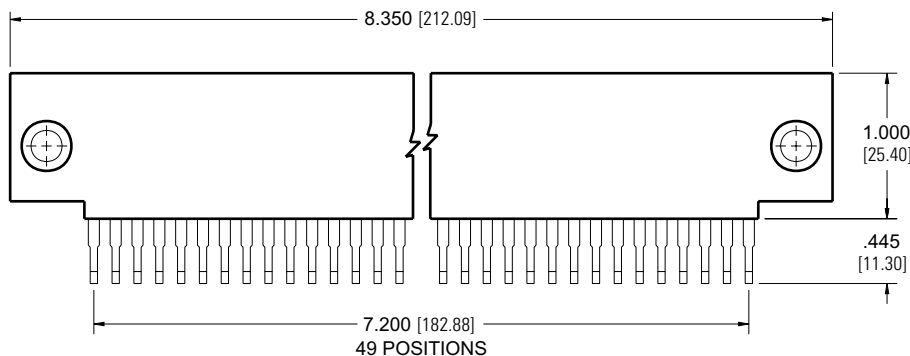
- Special tool to installed into motherboard
- Extra large chamfered entry
- Conforms to Bell-core spec TR-TSY-00078
- Extended card scoops available
- Replaceable contacts
- Molded in polarization available between contact, or on contact position.
- De-population of contacts per customer specification.
- 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

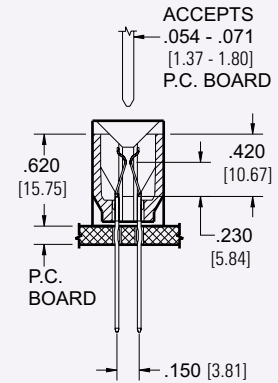
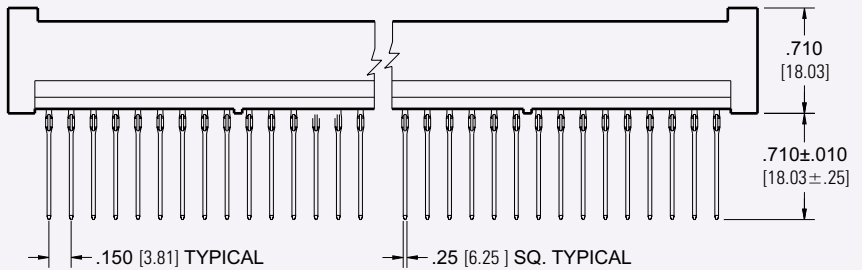
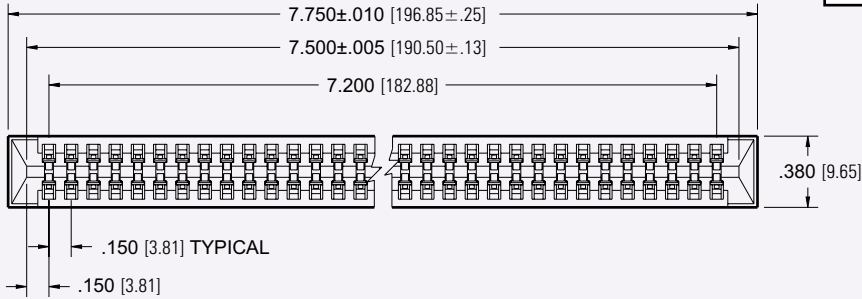
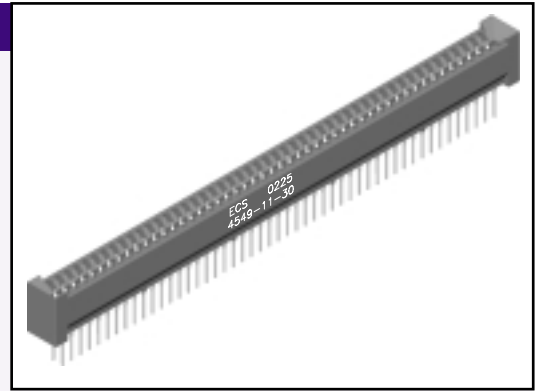


TOOL ASSISTED CONNECTORS

TOOL P/N 45150-491

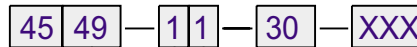


.150" x .150" Contact Spacing, Press Fit



Dimensions are in inch [mm]

PART NUMBERING



SERIES CODE
.150" X .150" Contact Spacing

NO. CONTACT PAIRS

CARD SLOT DEPTH
1 = .420 [10.67]
Consult factory for other card slot depths

TAIL LENGTH
1 = .710 [18.03]
Consult factory for other tail lengths

CUSTOM VARIATION
CONSULT FACTORY

PLATING
.000050" nickel underplate
CONTACT **TAIL**
30 = 30µ" Au 100µ" Sn
Consult factory for other plating

CONSULT FACTORY FOR CONNECTORS BUILT TO YOUR SPECIFICATION