



Specifications

Insulator Material: Glass filled polyester, type PBT, 94-VO, UL Recognized.
Contact Material: Phosphor Bronze Alloy CA510
Contact Plating: Gold over 50 μ m Nickel, and Tin Lead (See part numbering for thicknesses).
Current Rating: 3 amp at 30°C
Contact Resistance:
 Contact to Daughter Card:
 10m ohms
 Compliant section to P.T.H.:
 2m ohms
Insulation Resistance:
 5000M ohms
Dielectric Withstand Voltage:
 1000 V AC
Compliant Section Insertion Force:
 40 lbs max per contact
Compliant Section Withdrawal Force:
 10 lbs min per contact
Hole Size Requirements:
 Drilled Hole Dia.: .0378 \pm .001
 Plating: .001 to .003 copper and .0003 min Tin.
Finished Hole Diameter:
 .032 - .035
Recommended Board Thickness: .093 to .125

Features

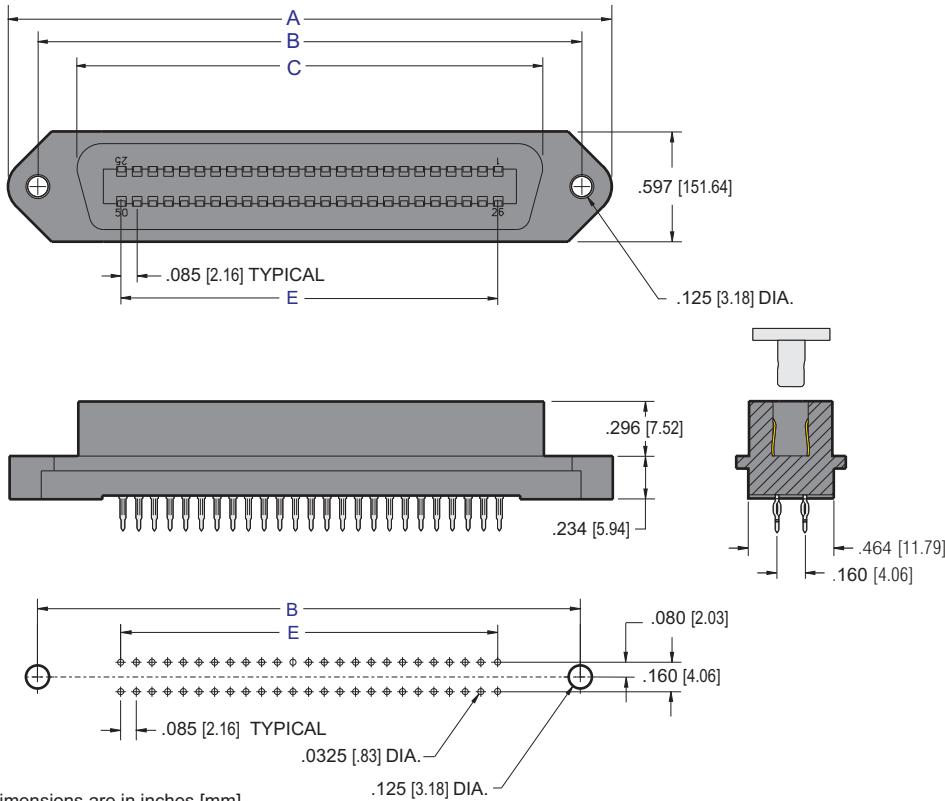
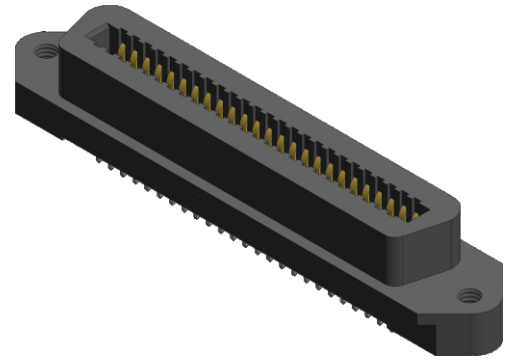
- Flat Plate Installation to eliminate the need for secondary operation tooling which can damage the connector when installed into motherboard.
- Available with through-hole 4-40 insert or 4-40 stand-off mounting hardware.
- Available in selective gold plate at contact point
- Many other custom options available, consult factory



Recognized under the recognized component Program of Underwriters Laboratories, Inc.

For drawings, technical data or samples, contact ECS.

Vertical Receptacle



MOUNTING OPTIONS

- 1= #4-40 FLUSH INSERT
- 2= #4-40 STAND-OFF OPTION
- 3= THRU HOLE
- 4= #4-40 STAND-OFF

NO. OF CONTACTS	A	B	C	E
25/50	3.270 / 83.06	2.946 / 74.83	2.520 / 64.01	2.040 / 51.82
32/64	3.865 / 98.17	3.541 / 89.94	3.115 / 79.12	2.635 / 66.93

Dimensions are in inches [mm]

PART NUMBERING



SERIES CODE
.085 X .160 Centers

NO. CONTACT PAIRS
12, 18, 25, 32

CONNECTOR STYLE
R = Receptacle

TAIL LENGTH

- 1 = .180 [4.57] Press-Fit
- 2 = .300 [7.62] Press-Fit
- 3 = .100 [2.54] Surface Mount
- 4 = .180 [4.57] Solder

MOUNTING STYLE

- 1 = #4-40 Flush Insert
- 2 = #4-40 Stand-Off Option
- 3 = .125 dia. Thru Hole
- 4 = Stand Off
- 8 = #4-40 tapped hole

PLATING

50µ" Nickel Underplate	
<u>Mating Area</u>	<u>Tail</u>
05 = Au Flash	100µ" Tin
20 = 15µ" Gold	100µ" Tin
30 = 30µ" Gold	100µ" Tin