

4 Row HDI Female Right Angle 3 Bay



Specifications

Insulator Material: Thermoplastic, color natural (brown)
94 V-O, UL Rated.

Contact Material: Copper Alloy

Contact Plating: Gold and/or Tin over .000050" Nickel,
(See Contact Plating Options).

Current Range at
Ambient Temp. Of +20C = 3 amp
 +70C = 2 amp
 +100C = 1 amp

Contact Resistance:
≤ 20m Ω

Insulation Resistance:
≥ 10¹² m Ω at 100 VDC

Dielectric Strength:
≤ 1000 VDC

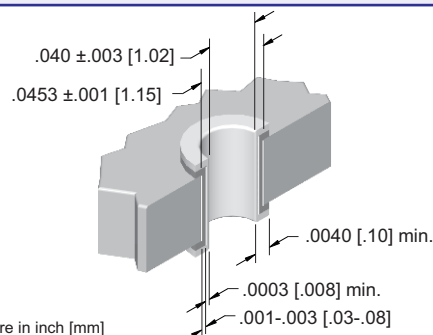
Compliant Section Insertion Force:
40 lbs max per contact

Compliant Section Withdrawal Force:
10 lbs min. per contact

Recommended Board Thickness:
.093"+

Operating Temperature:
-65°C to +125C

Recommended Hole Size



Dimensions are in inch [mm]

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 .0003 [.008]min.		

CONTACTS	A	B	C	D	E1 and E2
60 to 492	((# of Position/12-1) X 2.54 [0.100])	(A X 3) + 23.47 [0.924]	(A X 3) + 34.29 [1.350]	(A X 3) + 41.91 [1.650]	E1 A + 13.97 [0.475] E2 A + 10.16 [0.400]

APPROVALS



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

ISO 9001:2000 registered

Bellcore GRE 1217 CORE

Connectors are available that meet the requirements of Bellcore GRE-1217-CORE. Please consult factory for ordering information.

Technical drawing of a 3D printed component, showing a perspective view and a detailed cross-sectional view. The perspective view shows a long, narrow component with three rectangular blocks mounted on top. The cross-sectional view shows the internal structure and dimensions: a total width of 1.78 [0.070], a central hole with a diameter of Ø 2.54 [0.100], and a distance of 3.81 [0.150] from the hole to the right edge.



TAIL LENGTH
1 = 3.05 [.120]
2 = 4.57 [.180]