

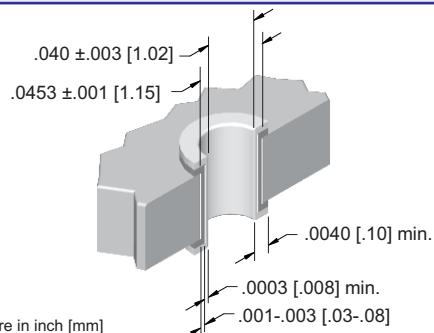
3 Row HDI Male Right Angle 2 Bay



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 +20C = 3 amp
 Ambient Temp. Of +70C = 2 amp
 +100C = 1 amp
 Contact Resistance:
 $\leq 20\text{m } \Omega$
 Insulation Resistance:
 $\geq 10^{12} \text{ m } \Omega$ at 100 VDC
 Dielectric Strength:
 $\leq 1000 \text{ VDC}$
 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



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	E
42 to 366	((# of Position/6-1) X 2.54 [0.100])	(A X 2) + 13.97 [0.550]	(A X 2) + 24.13 [0.950]	(A X 2) + 31.75 [1.250]	(A X 2) + 13.97 [0.475]

APPROVALS



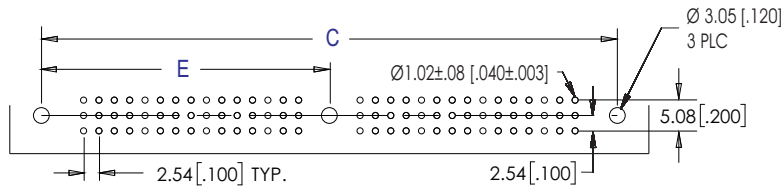
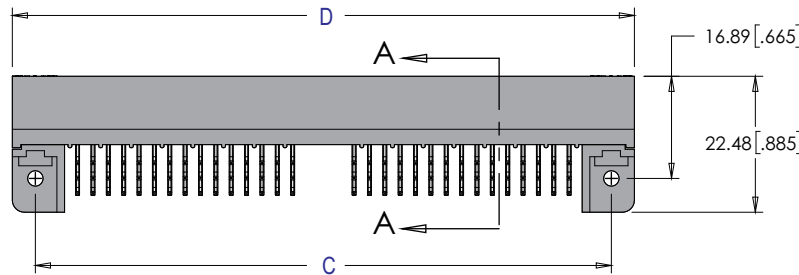
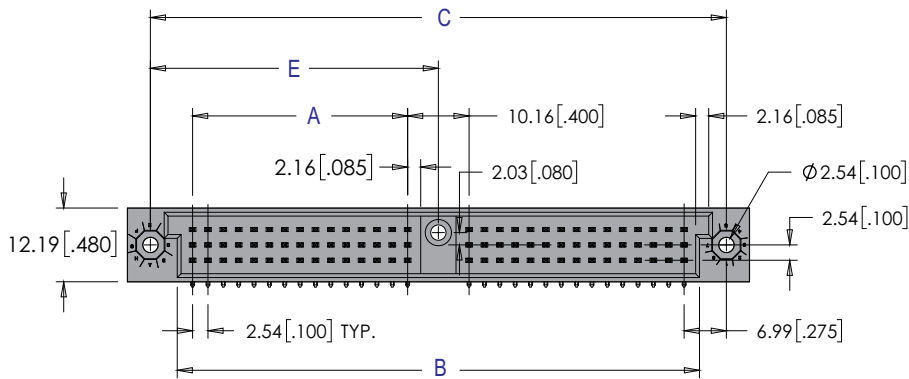
Recognized under the recognized component
 Program of Underwriters Laboratories, Inc.
 File Numbers: E176234

ISO 9001:2000 registered

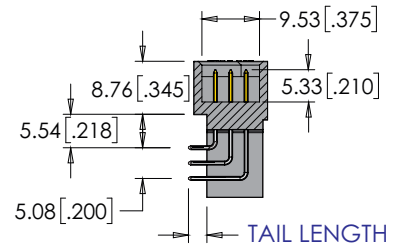
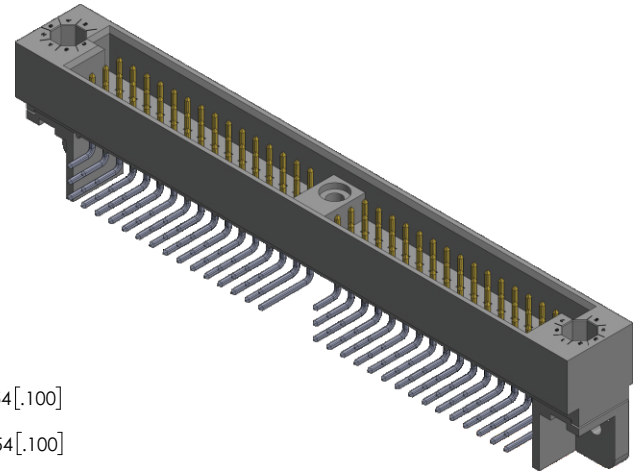
Bellcore GRE 1217 CORE

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

3 ROW HDI Male Right Angle Connector 2 Bay



RECOMMENDED P.C. BOARD LAYOUT



SECTION A-A

PART NUMBERING

69 — F XXX X — 8 X X 5 — XX/XX

SERIES CODE

Male HDI Right Angle

NUMBER OF ROW

F = 3 Row with 2 Bay

TOTAL CONTACT

42 to 366

CONTACT ARRANGEMENT

A = Row A, B and C fully populated

BAY CONTACT

BAY 1 / BAY 2

42 to 366 position

TAIL PLATING

5 = Matte Tin

MATING AREA PLATING

1 = 30 μ Au over 50 μ Ni

2 = 15 μ Au over 50 μ Ni

3 = Flash Au over 50 μ Ni

TAIL LENGTH

1 = 3.05 [.120]

2 = 4.57 [.180]