

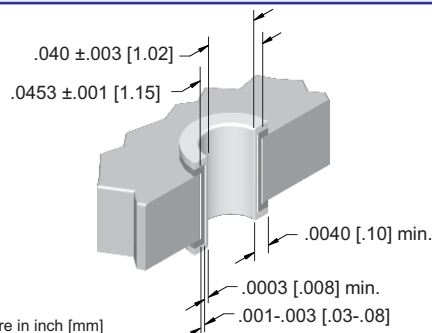
2 Row HDI Female Vertical



Specifications

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



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
20	22.86 [1.00]	26.01 [1.024]	36.83 [1.450]	44.45 [1.750]
30	35.56 [1.400]	38.71 [1.524]	49.53 [1.950]	57.15 [2.250]
40	48.26 [1.900]	51.41 [2.024]	62.23 [2.450]	69.85 [2.750]
50	60.96 [2.400]	64.77 [2.550]	74.93 [2.950]	82.55 [3.250]
60	73.66 [2.900]	76.81 [3.024]	87.63 [3.450]	95.25 [3.750]
70	86.36 [3.400]	89.51 [3.524]	100.33 [3.950]	107.95 [4.250]
80	99.06 [3.900]	102.21 [4.024]	113.03 [4.450]	120.65 [4.750]
90	111.76 [4.400]	114.91 [4.524]	125.73 [4.950]	133.35 [5.250]
100	124.46 [4.900]	127.61 [5.024]	138.43 [5.450]	146.05 [5.750]
110	137.16 [5.400]	140.31 [5.524]	151.13 [5.950]	158.75 [6.250]
120	149.86 [5.900]	153.01 [6.024]	163.83 [6.450]	171.45 [6.750]
130	162.56 [6.400]	165.71 [6.524]	176.53 [6.950]	184.15 [7.250]
140	175.26 [6.900]	178.41 [7.024]	189.23 [7.450]	196.85 [7.750]
150	187.96 [7.400]	191.11 [7.524]	201.93 [7.950]	209.55 [8.250]
160	200.56 [7.900]	203.81 [8.024]	214.63 [8.450]	222.25 [8.750]
170	213.36 [8.400]	216.51 [8.524]	227.33 [8.950]	234.95 [9.250]
180	226.06 [8.900]	229.21 [9.024]	240.03 [9.450]	247.65 [9.750]
190	238.76 [9.400]	241.91 [9.524]	252.73 [9.950]	260.35 [10.250]
200	251.46 [9.900]	254.61 [10.024]	265.43 [10.450]	273.05 [10.750]

APPROVALS

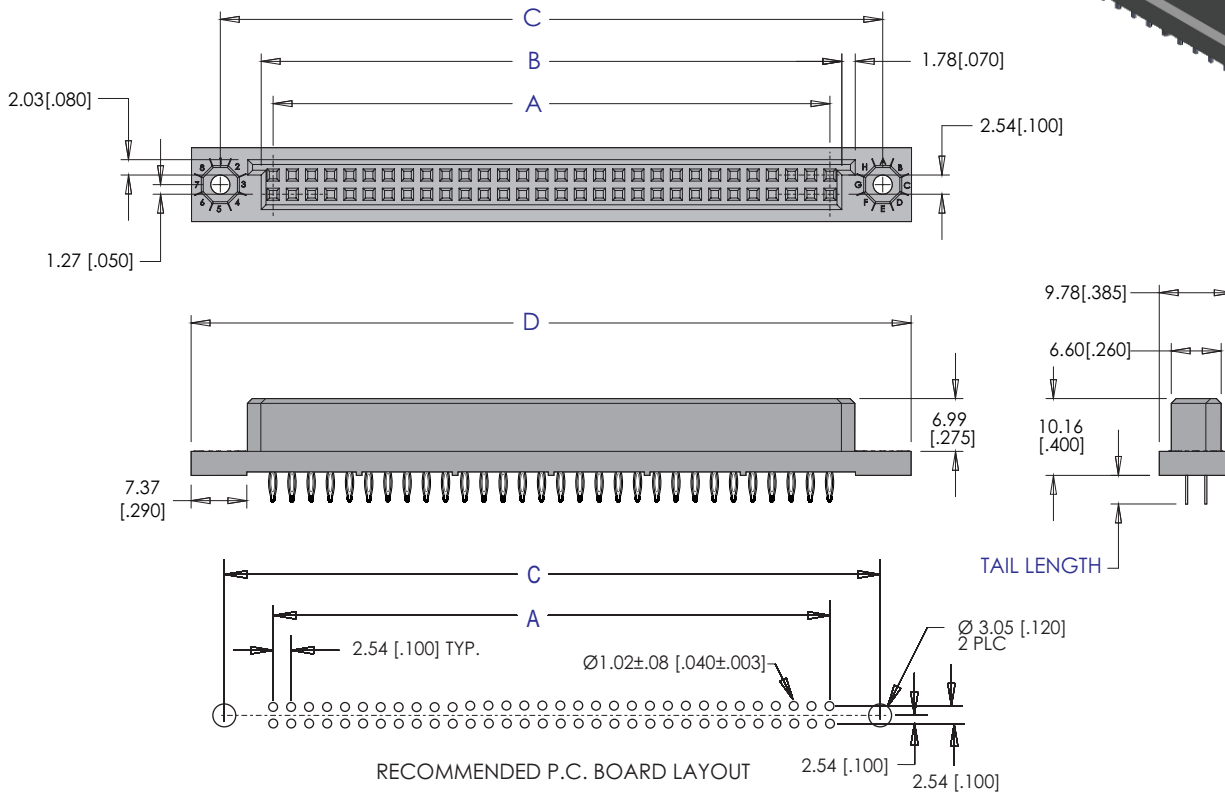
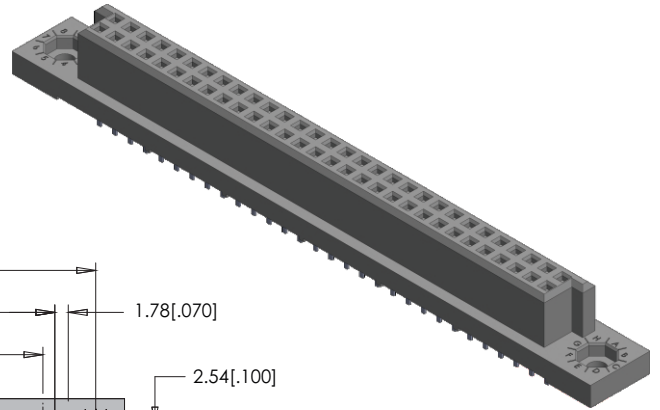


Recognized under the recognized component
 Program of Underwriters Laboratories, Inc.
 File Numbers: E176234

Bellcore GRE 1217 CORE

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

2 ROW HDI Female Vertical Connector



PART NUMBERING

