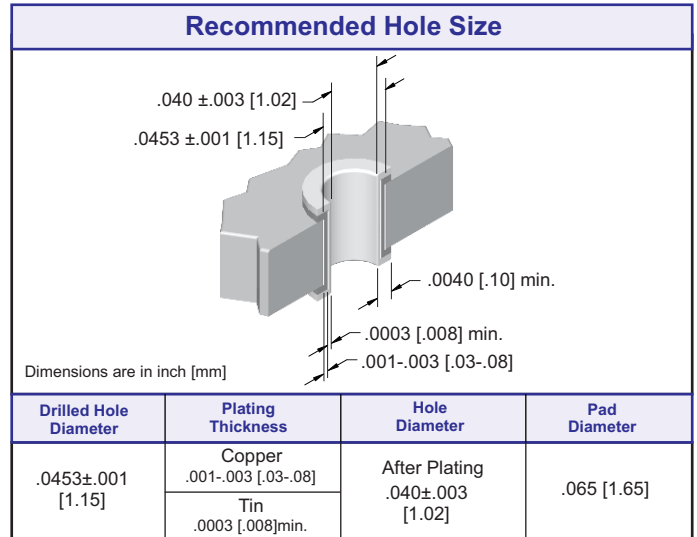


2 Row HDI Connector Vertical



Specifications

Insulator Material: Glass filled polyester, type PBT, 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



CONTACTS	A	B	C	D
20	22.86 [.900]	26.67 [1.050]	36.83 [1.450]	44.45 [1.750]
30	35.56 [1.400]	39.37 [1.550]	49.53 [1.950]	57.15 [2.250]
40	48.26 [1.900]	52.07 [2.050]	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]	77.47 [3.050]	87.63 [3.450]	95.25 [3.750]
70	86.36 [3.400]	90.17 [3.550]	100.33 [3.950]	107.95 [4.250]
80	99.06 [3.900]	102.87 [4.050]	113.03 [4.450]	120.65 [4.750]
100	124.46 [4.900]	128.27 [5.050]	138.43 [5.450]	146.05 [5.750]
110	137.16 [5.400]	140.97 [5.550]	151.13 [5.950]	158.75 [6.250]
120	149.86 [5.900]	153.67 [6.050]	163.83 [6.450]	171.45 [6.750]
140	175.26 [6.900]	179.07 [7.050]	189.23 [7.450]	196.85 [7.750]
150	187.96 [7.400]	191.77 [7.550]	201.93 [7.950]	209.55 [8.250]
200	251.46 [9.900]	255.27 [10.050]	265.43 [10.450]	273.05 [10.750]

APPROVALS

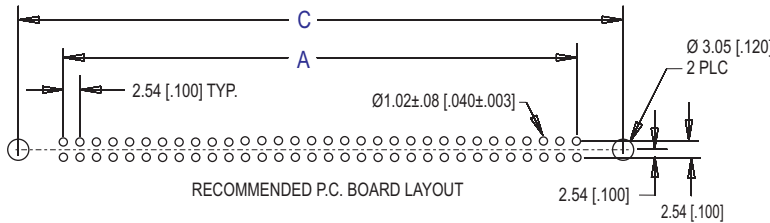
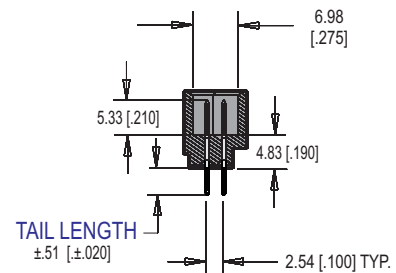
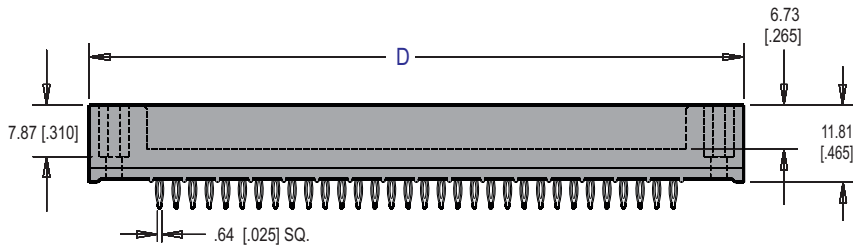
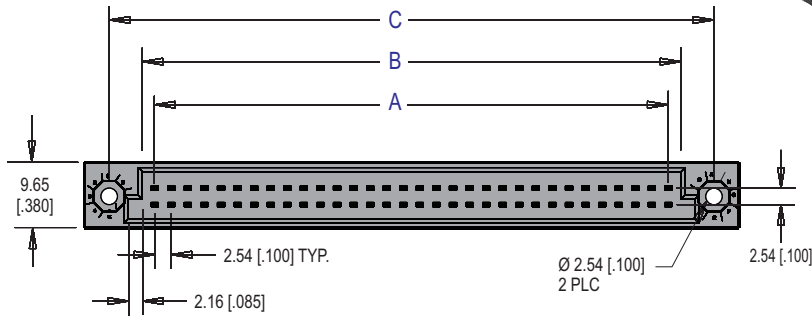
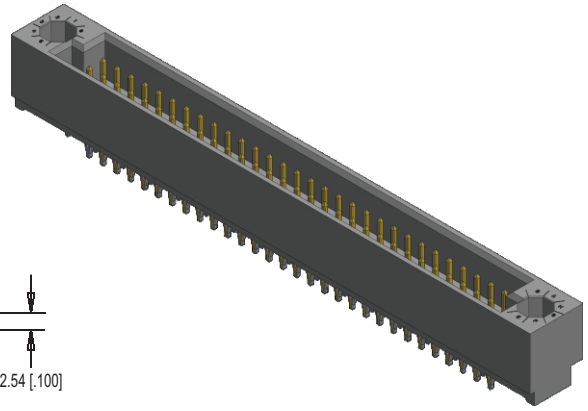


Recognized under the recognized component Program of Underwriters Laboratories, Inc.
 File Numbers: E176234

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 CONNECTOR, 2.54 [.100] Contact Spacing



PART NUMBERING



SERIES CODE

Male HDI

NUMBER OF ROW

B = 2 ROW

NUMBER OF CONTACTS

SEE CONTACT TABLE

CONTACT ARRANGEMENT

- A = Row A and B fully populated
 - B = Row A fully populated, Row B not populated
 - C = Row B fully populated, Row A not populated
- Consult Factory for other Loading Options

Note: Press Fit Connectors required a press in tool. Consult Factory for Press In Tool information.

Special Designation

TAIL PLATING

- 1 = Tin Lead
- 2 = Flash Au over 50µ" Ni (.200" from pin tip)
- 3 = 30µ" Au over 50µ" Ni (.200" from pin tip)
- 4 = 15µ" Au over 50µ" Ni (.200" from pin tip)
- 5 = Matte Tin

MATING AREA PLATING

- 1 = 30µ" Au over 50µ" Ni
- 2 = 15µ" Au over 50µ" Ni
- 3 = Flash Au over 50µ" Ni

TAIL LENGTH

- 0 = 6.35 [.250] Press-Fit
 - 1 = 4.57 [.180] Press-Fit
 - 2 = 12.70 [.500] Press-Fit
 - 3 = 16.51 [.650] Press-Fit
 - 4 = 20.57 [.810] Press-Fit
 - 6 = 4.57 [.180] Dip Solder
- Consult factory for other tail length

CONTACT TYPE

- 1 = All pins the same
- 2 = EM/LB pins included (part number must have a suffix)