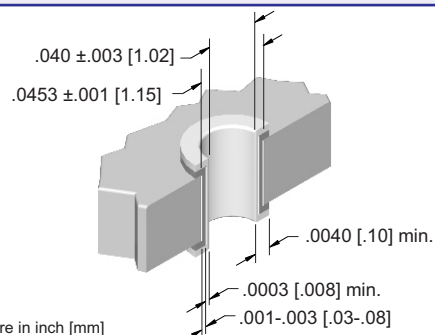


Specifications

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 Rating: 3 amp at 30°C
 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
 Current Range at +20C = 3 amp
 Ambient Temp. Of +70C = 2 amp
 +100C = 1 amp

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 |
|----------|----------------|----------------|----------------|----------------|
| 100 | 60.96 [2.400] | 64.77 [2.550] | 74.93 [2.950] | 82.55 [3.250] |
| 120 | 73.66 [2.900] | 77.47 [3.050] | 87.63 [3.450] | 95.25 [3.750] |
| 128 | 78.84 [3.100] | 82.55 [3.250] | 92.71 [3.650] | 100.33 [3.950] |
| 140 | 86.36 [3.400] | 90.17 [3.550] | 100.33 [3.950] | 107.95 [4.250] |
| 160 | 99.06 [3.900] | 102.87 [4.050] | 113.03 [4.450] | 120.65 [4.750] |
| 180 | 111.76 [4.400] | 115.57 [4.550] | 125.73 [4.950] | 133.35 [5.250] |
| 200 | 124.46 [4.900] | 128.27 [5.050] | 138.43 [5.450] | 146.05 [5.750] |
| 220 | 137.16 [5.400] | 140.97 [5.550] | 151.13 [5.950] | 158.75 [6.250] |
| 240 | 149.86 [5.900] | 153.67 [6.050] | 163.83 [6.450] | 171.45 [6.750] |
| 260 | 162.56 [6.400] | 166.67 [6.550] | 176.53 [6.950] | 184.15 [7.250] |
| 280 | 175.26 [6.900] | 179.07 [7.050] | 189.23 [7.450] | 196.85 [7.750] |
| 300 | 187.96 [7.400] | 191.77 [7.550] | 201.93 [7.950] | 209.55 [8.250] |

APPROVALS



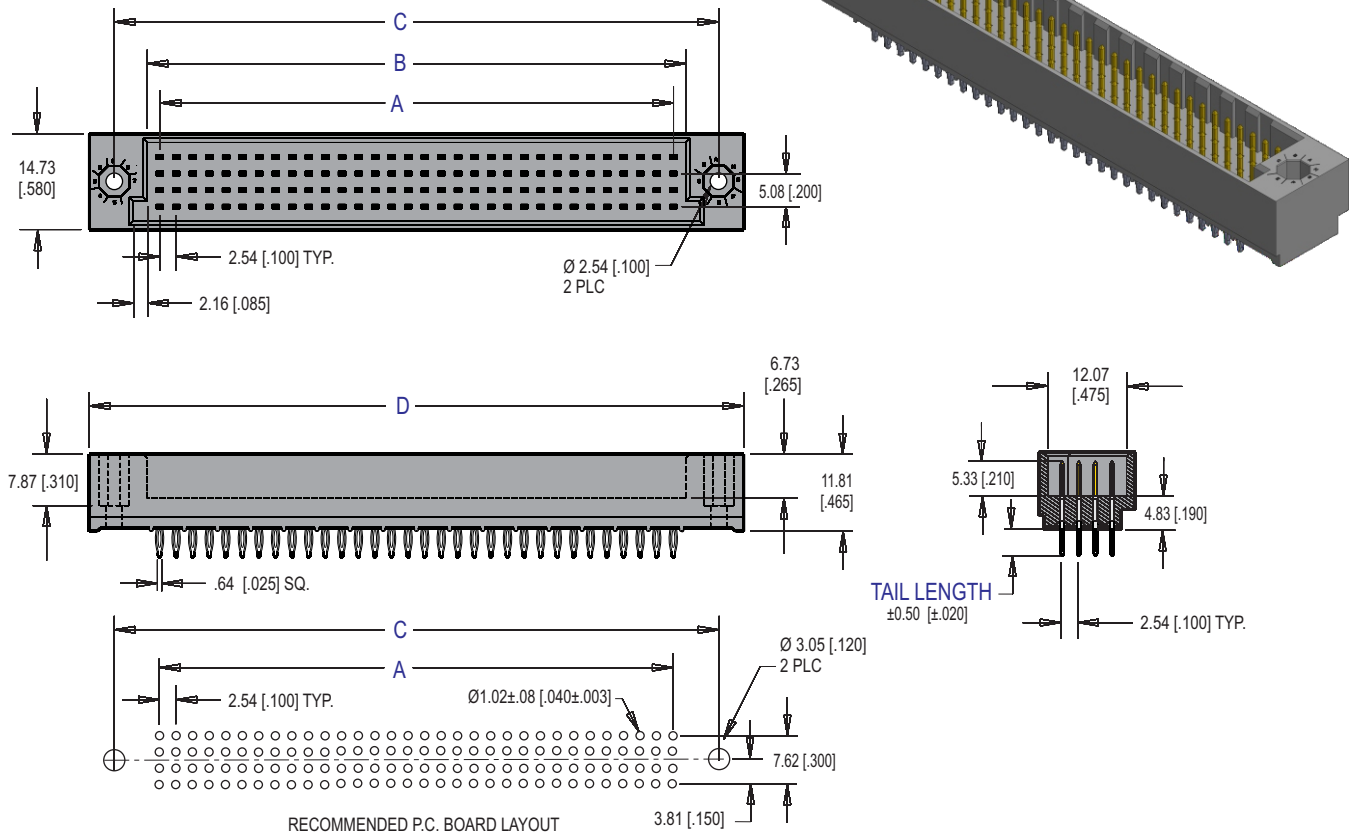
Recognized under the recognized component
 Program of Underwriters Laboratories, Inc.
 File Numbers: E176234

ISO 9001:2000 registered

Bellcore GRE 1217 CORE

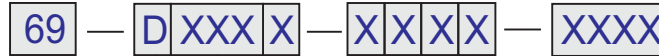
Connectors are available that meet the requirements of Bellcore GRE-1217-CORE. Please consult factory for ordering information.

4 ROW HDI Connector, 2.54 [.100] Contact Spacing



Dimensions are in mm [inch]

PART NUMBERING



SERIES CODE

Male HDI

NUMBER OF ROW

D = 4

NUMBER OF CONTACTS

SEE CONTACT TABLE

CONTACT ARRANGEMENT

A = Row A, B, C and D fully populated

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)