

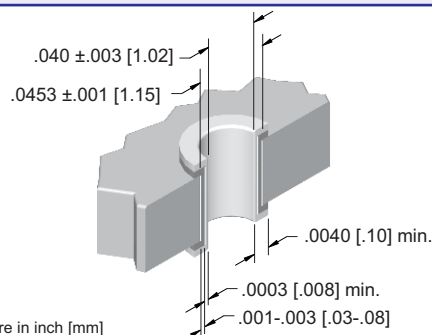
4 Row HDI Female Right Angle



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
100	60.96 [2.400]	64.14 [2.524]	74.93 [2.950]	82.55 [3.250]
120	73.66 [2.900]	76.81 [3.024]	87.63 [3.450]	95.25 [3.750]
128	78.74 [3.100]	81.89 [3.224]	92.71 [3.650]	100.33 [3.950]
140	86.36 [3.400]	89.51 [3.524]	100.33 [3.950]	107.95 [4.250]
160	99.06 [3.900]	102.21 [4.024]	113.03 [4.450]	120.65 [4.750]
180	111.76 [4.400]	114.91 [4.524]	125.73 [4.950]	133.35 [5.250]
200	124.46 [4.900]	127.61 [5.024]	138.43 [5.450]	146.05 [5.750]
220	137.16 [5.400]	140.31 [5.524]	151.13 [5.950]	158.75 [6.250]
240	149.86 [5.900]	153.01 [6.024]	163.83 [6.450]	171.45 [6.750]
260	162.56 [6.400]	165.71 [6.524]	176.53 [6.950]	184.15 [7.250]
280	175.26 [6.900]	178.41 [7.024]	189.23 [7.450]	196.85 [7.750]
300	187.96 [7.400]	191.11 [7.524]	201.93 [7.950]	209.55 [8.250]

APPROVALS



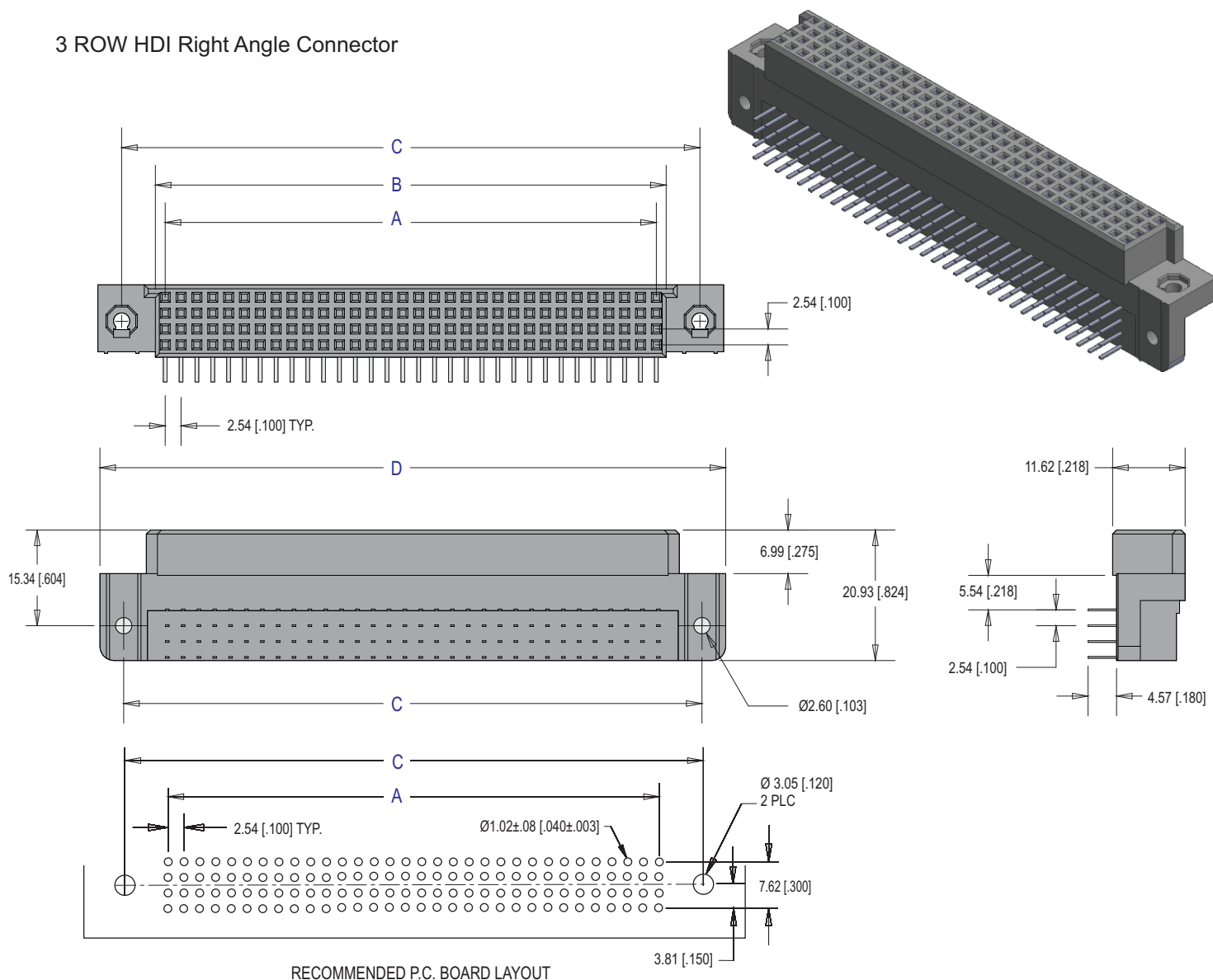
Recognized under the recognized component
 Program of Underwriters Laboratories, Inc.
 File Numbers: E176234

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.

3 ROW HDI Right Angle Connector



PART NUMBERING

68 — D XXX X — 8 X 5 — XXX

Blank = No Mounting Clip
MC = Mounting Clip

SERIES CODE

Female HDI Right Angle

NUMBER OF ROW

D = 4

NUMBER OF CONTACTS

See Contact Table

CONTACT ARRANGEMENT

A = Row A and B fully populated

TAIL PLATING

5 = Matte Tin

MATING AREA PLATING

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