

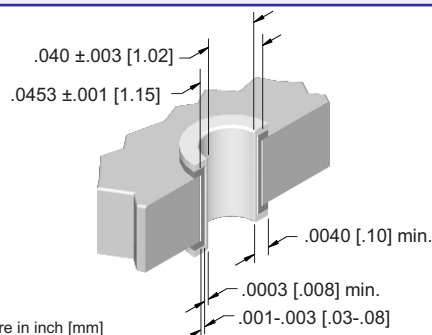
# 4 Row HDI Male Right Angle



## 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 +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 +125°C

## 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]	64.77 [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 [5.590]	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

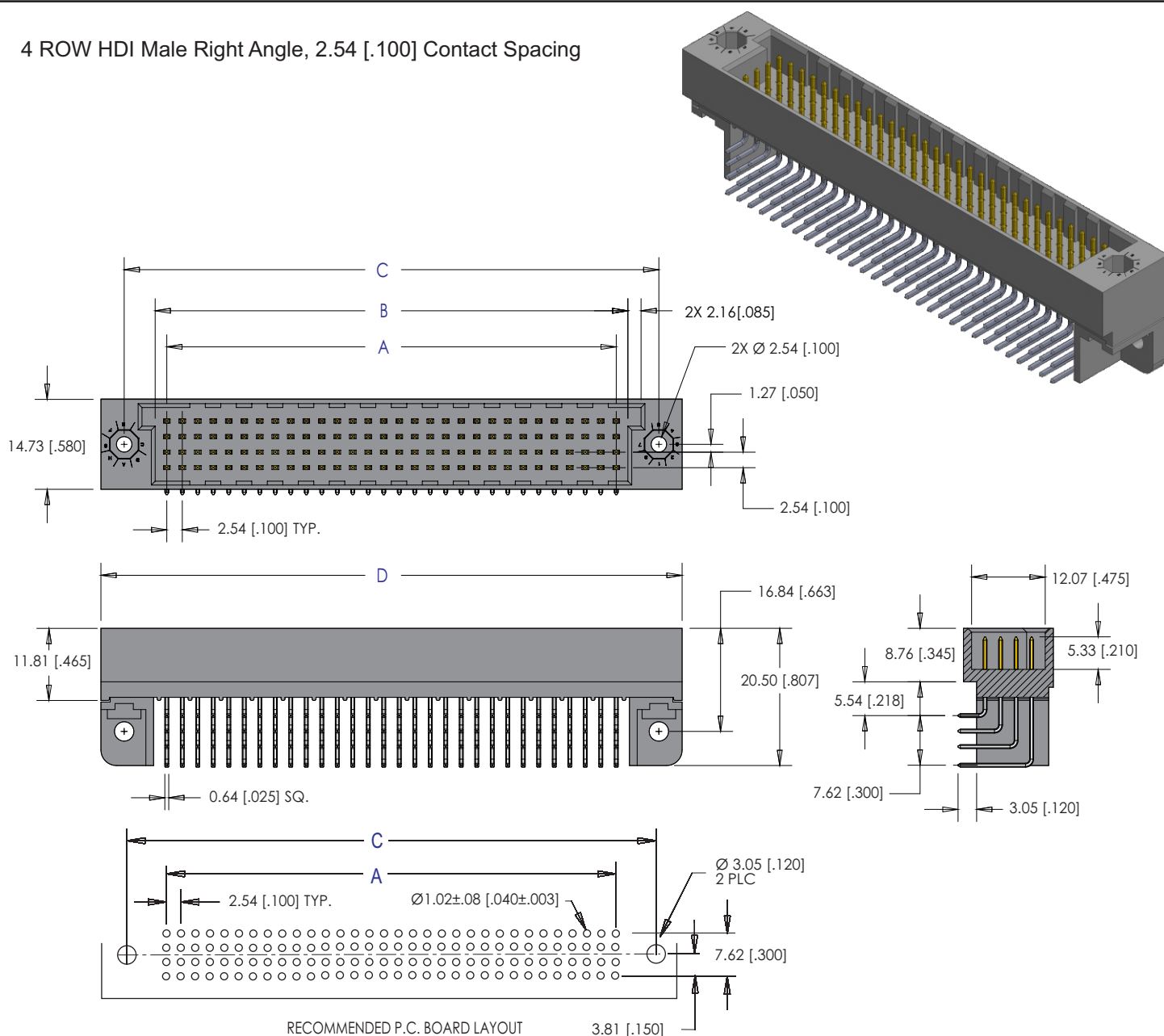


Recognized under the recognized component  
 Program of Underwriters Laboratories, Inc.  
 File Numbers: E176234

## Belcore GRE 1217 CORE

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

# 4 ROW HDI Male Right Angle, 2.54 [.100] Contact Spacing



## PART NUMBERING

