

CCI Tolerance Capabilities			
	Standard	Prototype	Advanced (HDI)
DIMENSIONS			
Dimensional Tolerances	±0.010" (±0.254mm)	±0.007" (±0.178mm)	±0.005" (±0.127mm)
Inner Layer Clearances	0.020" (0.508mm)	0.015" (0.381mm)	0.006" (0.153mm)
PCB Thickness	±10%	±8%	±7%
Board Outline	±0.010" (±0.254mm)	± 0.007" (±0.178mm)	± 0.005" (±0.127mm)
Internal Cutouts	±0.010" (±0.254mm)	± 0.008" (±0.203mm)	± 0.005" (±0.127mm)
Slot Width	±0.010" (±0.254mm)	± 0.008" (±0.203mm)	± 0.006" (±0.153mm)
Drills			
Tolerance Of Plated Holes	±0.003" (±0.076mm)	±0.002" (±0.051mm)	±0.002" (±0.051mm)
Tolerance of Unplated Holes	±0.002" (±0.051mm)	±0.002" (±0.051mm)	±0.001" (±0.025mm)
Impedance			
Controlled Impedance Tolerance	±10%	±8%	±5%
Copper Pads and Traces			
Copper to Board Edge	0.010" (0.254mm)	0.008" (0.203mm)	0.005" (0.127mm)
Copper Trace Width	±20%	±15%	±10%
Copper Spacing	±20%	±15%	±10%
Pad size / Annular Ring	±20%	±15%	±10%
Solder Mask			
Soldermask Minimum Dam	0.008" (0.203mm)	0.005" (0.127mm)	0.003" (0.076mm)
Silk Screen			
Silkscreen Line Width	0.005" (0.127mm)	0.005" (0.127mm)	0.005" (0.127mm)