



Capabilities 2 Layer PCBs

Construction Details	Minimum	Maximum	Tolerance (+/-)
Finished Copper Weight	1.0 oz (0.0014")	2.0 oz (0.0028")	n/a
Finished PCB Thickness (over copper)	0.056"	0.068"	0.062 " +/- 10%
Layer to Layer Registration	n/a	n/a	0.005"
FR-4 Material (Tg rating)	150	170	n/a
Drill Details			
Drill Details	Minimum	Maximum	Tolerance (+/-)
Finished hole size (holes <0.018" may be plugged)	0.008"	0.250"	0.005"
Drilled hole size (drill bit diameter)	0.0135"	0.257"	
True Positional Accuracy	n/a	n/a	0.005" (radial)
Copper Image (External layers)			
Copper Image (External layers)	Minimum	Maximum	Tolerance (+/-)
Pad diameter (0.018" over finished hole size)	0.026" (for 0.008" finished hole)	no maximum	n/a
Minimum copper backset to outline	0.020"	no maximum	n/a
Minimum Trace Width / Space	0.006"	no maximum	20%
Soldermask Details			
Soldermask Details	Minimum	Maximum	Tolerance (+/-)
Registration Variation	n/a	n/a	0.005"
Minimum web	0.005"	no maximum	n/a
Silkscreen Details			
Silkscreen Details	Minimum	Maximum	Tolerance (+/-)
# of sides	0	2	
Character Height	0.050"	no maximum	n/a
Character Width	0.030"	no maximum	n/a
Character line thickness	0.006"	no maximum	n/a
Character spacing	0.005"	no maximum	n/a
Character placement	n/a	n/a	0.010"
Board Dimensions			
Board Dimensions	Minimum	Maximum	Tolerance (+/-)
Board Size	0.25"	8.00"	0.010" (CAD defined layer)
Board Area (square inches)	0.0625 in ²	30.00 in ²	n/a
Notches on board edge	0.100"	no maximum	0.010"
Inside Radius	0.047"	no maximum	0.010"