

## GSG Design & Capability:

Layer Count	2~20
PCB thickness	0.25~3.6mm
Base material size	36x48", 40x48", 42x48"
Min Core thickness	2 mils
PNL for shipping size	19x23.6"
Copper foil	1/3 oz~6 oz
Drilling Min Hole size	8 mils
Aspect rate	1:11
Drilling registration Min.	+/- 2mils
Laser drilling hole size	4 mils
Layer to Layer	+/- 3mils
Solder mask dam	min. 3mils
Solder mask color	Green, White, Red, Blue, Black, Yellow
solder mask registration	+/- 3 mils
Silk legend registration	+/- 3mils
Silk legend Color	White, Black
Min silk legend trace width	5 mils
Out line by CNC	+/- 5mils
Copper foil to CNC out line Min. spce	10 mils
V-cut	30°, 60°, 45°
Impedance control	+/-10%
Line Min. W/S	3/3 mils
Inner layer Thermal pad	+ 3mils
Inner layer annular ring	+3 mils
Surface finished	Lead free HASL, Immersion Silver, Immersion Tin, Immer Gold, OSP
Material	FR4, FR5, Halogen Free, Aluminum, Copper, Rogers,