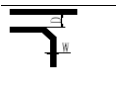
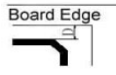
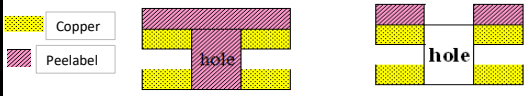



Category	Feature	Jec Standard	
Basic	Material	FR4(Tg:140 degrees)	
	Max Board Size ( mm)	510*600	
	Max Board Thickness (mm)	2.4	
	Tolerance of thickness	± 7%	
	Layer Count	1~14	
Drill/Slot	Finish Hole Tolerance (PTH)	± 0.1	
	Finish Hole Tolerance (NPTH)	± 0.05	
	Minimum Hole size (mm)	0.15	
	Minimum Distance between hole edges (mm)	0.3	
	Length / Width of Slot Tolerance (mm)	± 0.1	
PTH	On Surace (Min) Dependant on Customer request	40 /56 /90 μm	
	Through Hole (Min)	25μm	
Pattern	Annular Ring (mm)		Min : 0.45
	Trace Width (mm)		$W \geq 0.15$
	Trace Spacing (mm)		$D \geq 0.12$
	Trace Edge to Board Edge Clearance (mm)		$D \geq 0.5$ (V.Cut)
	Min Pad to Pad or Trace Edge Clearance (mm)		$D \geq 0.2$ (Routing)
	Trace Width /Space Tolerance	±20 %	
Solder Mask	Min Solder Mask Thickness (on Corner) (μm)	5	
	Annular Ring (mm)	0.2	
	Max Hole Size filled with Solder mask (mm)	0.4	
	Min Solder Mask Bridge (mm)	0.1	
	Color	Green / Black / Blue / Red	
Component Mark /Peelabel	Component Mark Font (Min)	0.15	
	Min Clearance From Hole or Pad (mm)	0.05	
	Color	Yellow / White / Black	
	<input type="checkbox"/> Component mark should not be mirrored , over laping or unclear		
	Hole Size Plugged with Peelabel		
Carbon Ink	Trace Width (mm )		$W \geq 0.3$
	Space (mm)		$D1 \geq 0.3$
	Clearance from trace or hole edge ( mm )		$D3 \geq 0.5$
Surface Finish	Gold Finger / Hot air Leveling (HAL) /HAL (Lead Free) / OSP / Tin Immersion / ENIG		
Out Line	Dimension Tolerance (mm)	Vcut : ±0.3	
	Vcut Angel	Routing : ±0.1	
Wrapage	SMD Boards	30 degrees	
	Others	≤ 0.75%	
		≤ 1.5 %	

\* It is important to note that production is done base on IPC-A-600 (Class 2) Normally.It is possible to restrict it if customer requests.