

Specification	Options
IPC class	IPC A 600 Class 2
min PCB size (raw pcb)	30 mm x 15 mm
min panel size (production)	100 mm x 100 mm
max PCB size (raw pcb)	426 mm x 271 mm
max panel size (production)	450 mm x 400 mm
Surrounding panel border	10 mm
Printed circuit board material	TG 150
Number of layers	1 - 16 layers
circuit board thicknesses	0.50 / 0.80 / 1.00 / 1.55 / 2.00 / 2.40 / 3.20 mm
Structures Exterior/Interior Layers	$\geq 250\mu\text{m}$ (necessary for $105\mu\text{m}$) $\geq 192\mu\text{m}$ (necessary for $70\mu\text{m}$) $\geq 150\mu\text{m}$ $\geq 125\mu\text{m}$ $\geq 100\mu\text{m}$ (not IPC compliant) $\geq 85\mu\text{m}$ (only with $18\mu\text{m}$ end CU)
End copper outside/inside	$18\mu\text{m}$ (no galvanic metallization) $35\mu\text{m}$ / $70\mu\text{m}$ / $105\mu\text{m}$
Smallest VIA	$\geq 0.25\text{mm}$ (Pad $\geq 0.60\text{mm}$) $\geq 0.10\text{mm}$ (Pad $\geq 0.45\text{mm}$)
Smallest milling diameter	$\geq 1.60\text{mm}$ $\leq 1.50\text{mm}$ and $\geq 1.10\text{mm}$ $\leq 1.00\text{mm}$ and $\geq 0.50\text{mm}$
Laser drilling (Micro-Via)	no
blind holes (blind via)	optional
Chamfering	yes (20° and 45°)
Edge metallization	optional
Surface	chem. Nickel/Gold HAL lead-free chem. Tin (Sn)
Selective electroplated gold with connector	optional
Solder resist	green
Full color printing (alternative)	White, Yellow, Red, Blue, Black
Lettering printing (partial)	White, Yellow, Red, Blue, Black
Plugged Via	optional
E-Test	optional
UL marked	optional
Delivery provision	CoC, if desired