Aluminum PCB thickness: 1.0mm, 1.2mm, 1.6mm
Copper Thickness: 35um(1oz)

LJ-Al Ordinary Aluminium PCB Parameters

Parameters Name	Test Condition	Unit	Typical Value
Peel Strength	A	N/mm	>=1.5
	After Thermal Stress		>=1.5
Surface Resistance	A	MΩ	>=10^6
	C-96/35/90		>=10^5
Volume Resistivity	A	MΩ.cm	>=10^9
	C-96/35/90		>=10^8
Dielectric Constant	C-96/35/90	1MHz	<=4.4
Dielectric Loss Factor	C-96/35/90	1MHz	<=0.03
Puncture Voltage	AC	KV	1.5-3.5
Thermal Stress	288℃ 2min	/	No layer separate, no bubbling
Combustibility	A	/	V-0
CTI	A	/	400
TG	IPC-TM-650 2.4.25	℃/W	250
Thermal Resistance	Internal To-220 Test	℃/W	<=0.03
Thermal Conductivity	ASTM E1461	W/m.k	0.8-1.0

The Aluminium PCB have three part in the structure:
1, Circuit layer: like the copper layer in FR-4, the thickness is 1oz.
2, Dielectric layer: it's a low thermal resistance, good thermal Conductivity and dieletric material, thickness 0.003" to 0.006".
3, Base Layer: Aluminium layer.