

High Frequency PCB Technics Capacity

No.	Item-High Frequency and Mixed PCB	Description	DataSheet
1	Rogers Material	RO3000 Series	RO3003, RO3006, RO3010, RO3035, RO3203, RO3206, RO3210
2	Rogers Material	RO4000 Series	RO4003C, RO4350B, RO4360, RO4533, RO4700, RO4835
3	Rogers Material	RT5000 Series	RT5870, RT5880
4	Rogers Material	RT6000 Series	RT6002, RT6035, RT6006
5	Rogers PP	Semi-cured adhesive	RO4403(4mil), RO4450B(4mil), RO4450F(4mil), RO3001(1.5mil), RO2929
6	Arlon Material	Arlon Series	Diclad, Cuclad, Isoclad, AD Series, CLTE eles
7	Arlon PP	Semi-cured adhesive	25FR 1080(4mil), 25FR 2112(6mil), Cuclad6700(1.5mil)
8	Taconic Material	Taconic Series	TLX, TLY, RF, TLC, TLG Series, CER10 eles
9	Taconic PP	Semi-cured adhesive	TP-32(4mil), TPG(4mil), HT1.5(1.5mil)
10	Wanglin Material	wangling	F4BK, F4BM, F4B, TP-1/2, TF-1/2, CT330, CT350, CT440, CT615
11	Finish copper thickness	OZ	0.50Z-120Z
12	Material copper thickness	OZ	0.50z-10Z
13	Min finish board size	All Material	0.5*1.0mm
14	The number of layers		1-70layers
15	High Frequerncy mixed pressure layers		4-70layers
16	Material mixed pressure	Variety	Rogers/Taconic/Arlon/Wanglin and FR-4

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17	Min core thickness	mil	4mil
18	Max finish board size	RO3000 Series	590*440mm(Single/Double Side), 580*420mm(Multi-layers)
		RO4000 Series	1200*430mm(Single/Double Side), 880*600mm(Multi-layers)
		RT5000 Series	590*440mm(Single/Double Side), 580*420mm(Multi-layers)
		RT6000 Series	590*440mm(Single/Double Side), 580*420mm(Multi-layers)
		F4BM Series	1480*430mm(Single/Double Side)
		TP/TF Series	180mm*180mm(Single/Double Side)
	CT Series	1200*430mm(Single/Double Side), 880*600mm(Multi-layers)	
199	Max PTFE array size(thicknesss 0.50mm)	mm	16*18
20	Finish board thickness	mm	0.13-8.0mm(Double Side) 0.4-8.0mm(Multi-Layers)
	Min PTFE material hole size	mm	0.35
21	Dielectric constant	Range	1-25
22	Material thickness tolerance	mm	±0.05mm
23	Finish board thickness tolerance	mm	Board thickness ≤ 1.0mm: ±0.1, Board thickness > 1.0mm: ±10%
24	Min Pattern Width tolerance	um	±20um
25	Min Pattern Width/Spacing	mm	0.076mm