

## 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  |