

Technical Parameters

TACONIC: http://www.taconic-add.com
ROGERS: http://www.rogerscorp.com

Typical Applications

Telecom:transmitter.receiver.oscillator.antenna
Satellite receiver
Global location system、amplifier.satellite telecom
Microwave transmission
Automobile telephone
Measure apparatus.LSI inspector.analyser.signal oscillator
high transmission quality.high memory transaction
High frequency telecom.high speed transmission high security.

Capability

Material	Rogers	
Permittivity	ϵ 2.1-10.0	
Products	RO4350B,RO4450,RO4835,RO3003C,RO3000,RO4000,RO1200	
Layer count	1~8	
Mixed pressure	Rogers+FR4 , Rogers+AL	
Final board thickness	0.6-6.0mm	
Aspect Ratio	PTH	8:1
Copper thickness	1~2oz	
Impedance Control	Single Ended	50+/- 10%
	Differential	90+/- 10%,100+/- 10%
Line/Space	Inner Layer	5/5mil
	External Layer	5/5mil
Min Drill size	11.81mil	
Hole size tolerance	PTH	+/-3mil
	NPTH	+/-2mil
Hole Position Tolerance	+/-2mil	
Profile Tolerance	+/-4mil	
Soldermask	Line to PAD	4mil
	Registration	+/-2mil
Warpage	0.5%	
Surface Finish	ENIG	Au 1-5u", Ni 80-200u"
	Immersion Tin	0.8-1.2um
	Immersion Silver	0.15-0.45um
Remarks		