MultiFoil™ MRG100

Introduction

OAK-MITSUI offers a "Halogen and Phosphorus Free" resin coated copper product called MultiFoil™ MRG100. This is an environmentally friendly "green" product that performs well in high frequency applications.

Benefits

- Thin copper and glass free resin allows laser drilling of microvias
- Flame resistance (UL94-V0) is achieved without Halogen and Phosphorus
- High reliability is assured with excellent peel strengths and high heat resistance

Resin Type	Resin Thickness	Copper Foil	Copper Thickness
MRG100	65 microns 80 microns	3EC-VLP 3EC-HTE	12 microns 18 microns

Properties	Unit	MRG100-80T18
Glass Transition (Tg)	DMA	130°C/230°C
Dielectric Constant (Dk)	1 GHz	3.2
Dissipation Factor (Df)	1 GHz	0.015
Peel Strength B at room Temp	lbs/in	6.2
S4 (260°C x 20 sec)	lbs/in	5.6
Flame Resistance		UL94-V0

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