



SF325 耐离子迁移型聚酰亚胺薄膜挠性覆铜板

SF325 Anti-ion Migration type PI film based flexible copper clad laminate(3-layer FCCL)

特点

- 优异的耐离子迁移性，不长枝状结晶。
- 不含卤素，阻燃性达到 UL94 V-0 级。
- 优秀的挠曲性、耐热性、尺寸稳定性和电性能。
- 满足 RoHS 指令要求，不含铅、汞、镉、六价铬、多溴联苯、多溴联苯醚等。

FEATURES

- Excellent anti-ion Migration, no dendrite.
- Halogen free, Flammability UL94 V-0.
- Excellent flexibility, thermal resistance, dimensional and electrical properties.
- Compatible with EU RoHS directive, free of Pb,Hg,Cd, Cr6+,PBB,PBDE, etc..

应用领域

电脑、移动电话、数码相机、医疗电子设备、汽车电子设备等。

APPLICATIONS

Computer, Mobile phone, Digital camera, medial electronic equipment, automotive electronic equipment, etc..

性能表 GENERAL PROPERTIES

性能项目 Test Item	测试方法 Test Method	单位 Unit	IPC 标准值 *Standard	典型值 Typical Value	
				SF325 051813DR	SF325 103520SR
剥离强度 Peel Strength 90°	IPC-TM-650,2.4.9 Method A Method C	N/mm	≥0.7 ≥0.525	1.1 1.0	1.4 1.3
热应力 Thermal Stress	IPC-TM-650,2.4.13	-	Pass	Pass	Pass
尺寸稳定性 Dimensional Stability	IPC-TM-650,2.2.4 Method B	%	±0.2	±0.1	±0.1
耐化学性 Chemical Resistance	IPC-TM-650,2.3.2	%	≥80	90	90
吸水率 Moisture Absorption	IPC-TM-650,No.2.6.2	%	≤4	1.43	1.38
体积电阻率 Volume Resistivity	IPC-TM-650,2.5.17	MΩ-cm	≥10 ⁶	4.5×10 ⁸	5.0×10 ⁸
表面电阻 Surface Resistance	IPC-TM-650,.2.5.17	MΩ	≥10 ⁵	1.5×10 ⁶	2.0×10 ⁶
介电常数 1GHz Dielectric Constant	IPC-TM-650, 2.5.5.3	-	-	3.25	3.23
介质损耗角正切 1GHz Dissipation Factor	IPC-TM-650, 2.5.5.3	-	-	0.012	0.013
耐离子迁移性 Anti-ion Migration	C-1000/85/85, 100VDC	-	-	Pass	Pass



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产品规格代码描述 Product Code Description

SF325 05 18 13 S R



常规产品表 SPECIFICATIONS OF STANDARD PRODUCTS

产品规格 Specifications	材料厚度 Thickness (μ m)			单面板/双面板 Single/Double Side	铜箔类型 Copper Type
	PI 膜 PI film	铜箔 Copper Foil	胶粘剂 Adhesive		
SF325 051813SR	12.5	18	13	单面板 Single	压延铜箔 RA
SF325 051813DR	12.5	18	13	双面板 Double	压延铜箔 RA
SF325 051813SE	12.5	18	13	单面板 Single	电解铜箔 ED
SF325 051813DE	12.5	18	13	双面板 Double	电解铜箔 ED
SF325 101820SR	25	18	20	单面板 Single	压延铜箔 RA
SF325 101820DR	25	18	20	双面板 Double	压延铜箔 RA
SF325 101820SE	25	18	20	单面板 Single	电解铜箔 ED
SF325 101820DE	25	18	20	双面板 Double	电解铜箔 ED
SF325 103520SR	25	35	20	单面板 Single	压延铜箔 RA
SF325 103520SE	25	35	20	单面板 Single	电解铜箔 ED
SF325 103520DR	25	35	20	双面板 Double	压延铜箔 RA
SF325 103520DE	25	35	20	双面板 Double	电解铜箔 ED
SF325 203520SR	50	35	20	单面板 Single	压延铜箔 RA
SF325 203520SE	50	35	20	单面板 Single	电解铜箔 ED

包装 PURCHASING INFORMATION

产品宽度250+2/-0mm或500+2/-0mm，每卷50+1/-0米或100+2/-0米；其它规格、尺寸可根据客户要求而定。

SF305 is supplied in rolls and standard width of 250+2/-0mm or 500+2/-0mm. Roll length is 50+1/-0m or 100+2/-0m. Other sizes could be available upon request.

贮存条件 STORAGE CONDITION

贮存在干燥、无腐蚀性气体的室内。板材以原始包装在温度5~35℃，湿度≤75%条件下贮存时，贮存期为一年。

Stored in dry room with humidity control and with no corrosive gases.. One year when stored in the original packaging at temperature 5~35℃， humidity lower than 75%.