



SLF Low Df 无胶单面挠性覆铜板

SLF Low Df adhesiveless SS flexible copper clad laminate

特点

- 优异的耐热性、尺寸稳定性和耐化学性
- 低 Dk/Df
- 优异的机械性能和电性能.
- 阻燃性达到 UL94 VTM-0 级
- 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 soldering reliability, dimensional stability and chemical resistance
- Low Dk/Df
- Excellent mechanical and electrical properties .
- Halogen free, Flammability UL94 VTM-0.
- Compatible with EU RoHS directive, free of Pb,Hg,Cd, Cr⁶⁺,PBB,PBDE, 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
				SLF 1012SS
剥离强度 Peel Strength 90°	IPC-TM-650,No.2.4.9 Method A	N/mm	≥0.53	0.92
表面粘合力(与纯胶)	企标 Q/GDSY 6058.26. 2.4.9.3	N/mm	-	0.54
热应力 Thermal Stress	IPC-TM-650,No.2.4.13	-	Pass	Pass
尺寸稳定性 Dimensional Stability	IPC-TM-650,No.2.2.4 Method B	%	±0.15	MD: -0.0682 TD: -0.0585
耐化学性 Chemical Resistance	IPC-TM-650,No.2.3.2	%	≥80	>95
吸水率 Moisture Absorption	IPC-TM-650,No.2.6.2	%	≤2	0.46
体积电阻率 Volume Resistivity	IPC-TM-650,No.2.5.17	MΩ-c m	≥10 ⁶	2.54×10 ⁸
表面电阻 Surface Resistance	IPC-TM-650,No.2.5.17	MΩ	≥10 ⁵	3.68×10 ⁶
介电常数 10GHZ Dielectric Constant	IEC-61189-2-721	-	≤3.8	3.2
介电损耗 10GHZ Dissipation Factor	IEC-61189-2-721	-	≤0.01	0.0032
耐折性 MIT	JIS C 6471 R0.38×4.9N	Times	-	>200
电气强度 Dielectric Strength	IPC-TM-650,No.2.5.6.1	V/μm	≥100	187

注释 Explanations: Certified to IPC-4204/25 Copper Clad Adhesiveless,Cast and Cured Polyimide

应用领域

电脑、移动电话、数码相机、摄录机、平板显示、仪器仪表、汽车电子等高端电子产品中。

APPLICATIONS

Computer, mobile phone, digital camera, VCR, flat panel display, apparatus and instrument, automotive electronics, etc..



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产品规格代码描述 Product Code Description



常规产品表 SPECIFICATIONS OF STANDARD PRODUCTS

产品规格 Specifications	材料厚度 Thickness (μm)		铜箔类型 Copper Type	应用领域 Applications
	PI 膜/PI film	铜箔/Copper Foil		
SLF 0812SS	20	12	ED	摄像头、LCM、TP 等 Camera ,LCM,TP etc.
SLF 1012SS	25	12	ED	
SLF 1018SR	25	18	RA	

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。SF202 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、无腐蚀气体的室内，板材以原始包装在室温条件下贮存时，贮存期为一年。无需冷藏或冷冻条件下贮存。

Store in the room of dryness and no corrosive gases. One year when stored in the original packaging at room temperature. The products do not require refrigeration and should not be frozen.