



SF201A 无胶单面涂胶挠性覆铜板

SF201A Adhesive coated on 2-layer single side FCCL

特点

- 不含卤素，阻燃性达到UL94 V-0级。
- 优秀的挠曲性、尺寸稳定性、耐热性及电性能。
- 溢胶量低，加工性好，适于快速压合和传统压合。
- 省去内层覆盖膜的压合工序，简化FPC制程。
- 更薄的基材总厚度。
- 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

- Halogen-free, flammability UL94 V-0.
- Excellent flexibility, dimensional stability, soldering reliability and electrical properties.
- Low adhesive flowing, good processability, suitable for both fast and traditional lamination style.
- Eliminate the press process of inner coverlay, and simplify the FPC process.
- Thinner total thickness of FPCB.
- Compatible with EU RoHS directive, free of Pb, Hg, Cd, Cr⁶⁺, PBB, PBDE, etc..

应用领域

多层挠性印制板、刚挠结合印制板。

APPLICATIONS

Multilayer FPCB and rigid-flex board.

性能表 GENERAL PROPERTIES

性能项目 Test Item	试验处理条件 Treatment Condition	单位 Unit	性能数据 Property Data		
			指标值 Standard Value	典型值 Typical Value	
				051213E	101215E
溢胶量 Resin flow	A	mm	≤0.15	0.1	0.1
剥离强度 Peel Strength (90°)	A	N/mm	≥0.7	1.10	1.20
	288°C, 5s		≥0.5	1.05	1.12
热应力 Thermal Stress	288°C, 20s	-	-	无分层、无起泡 No delamination	
尺寸稳定性 Dimensional Stability	MD E-0.5/150 TD	%	±0.2	±0.1	±0.1
				±0.1	±0.1
耐化学性（剥离强度保持率） Chemical Resistance	After Chemical Exposure 暴露化学品后	%	≥80	>85	>85
体积电阻率（湿热） Volume Resistivity	C-96/35/90	MΩ-cm	≥10 ⁶	3.6×10 ⁸	4.5×10 ⁸
表面电阻（湿热） Surface Resistance	C-96/35/90	MΩ	≥10 ⁵	4.0×10 ⁶	4.2×10 ⁶

注释： Explanations: C = 湿热处理条件 Humidity conditioning; E=恒温处理条件 Temperature conditioning.



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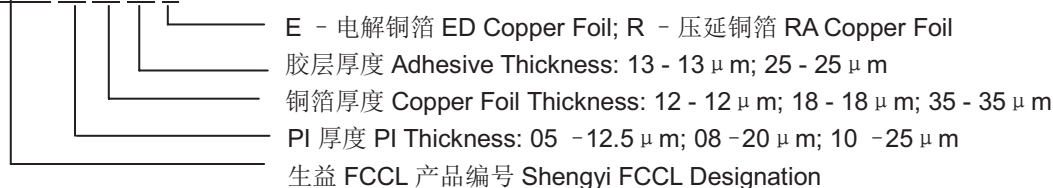
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产品结构 Product Structure

电解或压延铜箔 ED or RA
PI film
胶粘剂 Adhesive
离型纸 Release Paper

产品规格代码描述 Product Code Description

SF201A 05 12 15 E

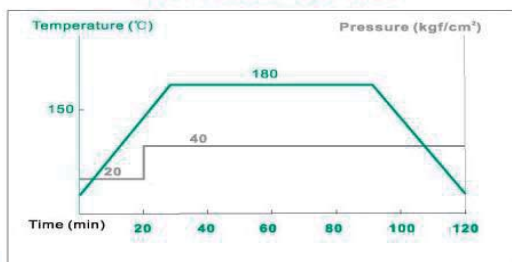


常规产品表 SPECIFICATIONS OF STANDARD PRODUCTS

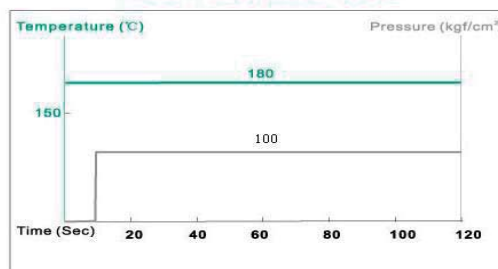
产品规格 Specifications	材料厚度 Thickness (μm)			铜箔类型 Copper Type	应用领域 Applications
	PI膜 PI film	铜箔 Copper Foil	胶粘剂 Adhesive		
SF201A 051215E	12.5	12	15	电解铜箔 ED	多层板、刚挠板 Multilayer FPCB and rigid-flex board

压板推荐 PRESS PROPOSE

HOT PRESSING CYCLE



FAST PRESSING CYCLE



传压参数根据不同设备及产品规格需作相应调整；采用快压方式，后固化条件是 155-165℃、60-90 分钟。
The parameters of hot Pressure need to be adjusted according to different equipment and product specifications. After fast press, the curing condition is 150-160℃ for 60-90min.

包装 PURCHASING INFORMATION

产品宽度250+2/-0mm或500+2/-0mm，每卷100+2/-0米；其它规格、尺寸可根据客户要求而定。
SF201A is supplied in rolls and standard width of 250+2/-0mm or 500+2/-0mm. Roll length is 100+2/-0m. Other sizes could be available upon request.

储存条件 STORAGE CONDITION

贮存在干燥的室内；以原始包装贮存在4-10℃的冷藏室里，贮存期为三个月。
Stored in the room of dryness. Three months when stored in the original packaging at 4-10℃.