



# SF385 无卤 PI 基透明基材

SF385 Halogen-free PI Film Based Transparent FCCL

## 特点

- 粘结强度高、尺寸稳定性好。
- 优秀的耐热性、透光性和电性能。
- 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

- High bonding strength, good dimensional stability.
- Excellent soldering reliability, transparency and electrical properties.
- Compatible with EU RoHS directive, free of Pb, Hg, Cd, Cr<sup>6+</sup>, PBB, PBDE, etc..

## 应用领域

LED 显示。

## APPLICATIONS

LED display.

## 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
				SF385 101213SR
剥离强度 Peel Strength (90°)	IPC-TM-650 2.4.9 Method A Method C	N/m m	≥0.7 ≥0.525	1.3 1.1
热应力 Thermal Stress	IPC-TM-650 2.4.13	-	Pass	Pass
可见光透过率 Visible Light Transmittance	蚀刻后 After etching	%	-	81
耐化学性 Chemical Resistance	IPC-TM-650 2.3.2	%	≥80	90
尺寸稳定性 Dimensional Stability	IPC-TM-650 2.2.4 Method B	%	±0.2	±0.1
吸水率 Moisture Absorption	IPC-TM-650 2.6.2	%	≤4	1.1
电气强度 Dielectric Strength	IPC-TM-650 2.5.6.2	V/μm	≥80	91
介电常数 (10GHz) Dielectric constant	IPC-TM-650 2.5.5.3	-	≤4.0	3.2
介质损耗角正切 (10GHz) Dissipation factor		-	≤0.4	0.0191

注释 Remarks:\* Certified to IPC-4204/2



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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( $\mu$ m)			铜箔类型 Copper Type	应用领域 Application
	PI 膜 PI Film	铜箔 Copper Foil	胶粘剂 Adhesive		
SF385 101213SR	25	12	13	压延铜箔 RA	透明 LED 显示 Transparent LED display
SF385 101213DR	25	12	13	压延铜箔 RA	
SF385 101820SR	25	18	20	压延铜箔 RA	
SF385 101820DR	25	18	20	压延铜箔 RA	

## 包装 PURCHASING INFORMATION

产品宽度250+2/-0 mm或500+2/-0 mm，每卷100+2/-0 米；其它规格、尺寸可根据客户要求而定。  
SF385 is supplied in rolls and standard width of 250+2/-0 mm or 500+2/-0 mm. Roll length is 100+2/-0 m. 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。以原始包装贮存在常温15-25°C、相对湿度40-70%的室内，贮存期为12个月。

Stored in dry room with humidity control and with no corrosive gases.12 months when stored in the original packaging at 15-25°C and 40~70% RH.