

S1141KF

(ANSI:FR-4) CAF Resistance/UV Blocking

特点

- 优良的耐CAF性能。
- UV Blocking 和 AOI兼容。
- 优良的耐热性，T260>60分钟，Td>350。
- 优良尺寸稳定性，较低的吸水率。
- Tg 140。

FEATURES

- Excellent CAF resistance.
- UV Blocking and AOI compatible.
- Good soldering reliability ,T260>60min,Td>350 .
- Good dimensional stability, lower water absorption.
- Tg 140 .

应用领域

电脑、仪器仪表、摄像机、通讯设备、电子游戏机等。

APPLICATIONS

Computer, Instrumentation, VCR, Communication equipment, Electronic game machine, etc.

GENERAL PROPERTIES

Test Item	Treatment Condition	Unit	Property Data	
			SPEC	Typical Value
Tg	DSC		130	140
Flammability	C-48/23/50	-	V-0	V-0
	E-24/125			
Volume Resistivity	After moisture resistance	M -cm	10 ⁶	8 × 10 ⁸
	E-24/125		10 ³	7 × 10 ⁷
Surface Resistivity	After moisture resistance	M	10 ⁴	7 × 10 ⁷
	E-24/125		10 ³	6 × 10 ⁷
Arc Resistance	D-48/50+D-0.5/23	S	60	121
Dielectric Breakdown	D-48/50+D-0.5/23	KV	40	60
Dielectric Constant (1MHz)	C-24/23/50	-	5.4	4.7
Dissipation Factor (1MHz)	C-24/23/50	-	0.035	0.015
Thermal Stress	Unetched	-	No delamination	No delamination
	Etched			
Peel Strength	1oz	N/mm	1.05	1.6
	Cu. Foil		0.70	1.5
Flexural Strength	LW	MPa	415	612
	CW		345	505
Water Absorption	D-24/23	%	0.35	0.10
CTE Z-axis	Before Tg	TMA	μ m/m	56
	After Tg	TMA	μ m/m	256

Specimen Thickness:1.6mm

Explanations: C = Humidity conditioning;
D = Immersion conditioning in distilled water;
E = Temperature conditioning.

The figures following the letter symbols indicate with the first digit the duration of the preconditioning in hours, with the second digit the preconditioning temperature in and with the third digit the relative humidity.

