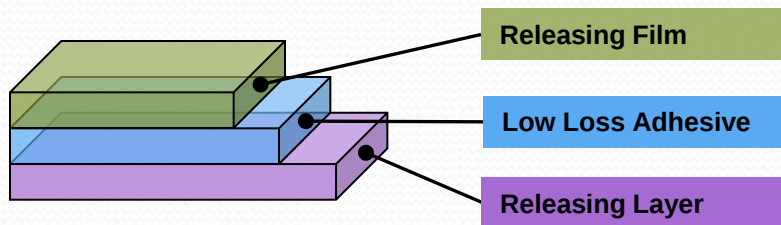


高频高速纯胶

High Frequency and High Speed Bonding Sheet

◆ 产品结构 Product Structure



◆ 产品实例 Product Sample



EFBSX25X1-K

◆ 产品特点 Product Features

- 低损耗高传输 Low loss and high transmission
- 高信赖性及绝缘性 High reliability and good insulation
- 优异耐热性及剥离强度 Excellent heat resistance and peel strength
- 低吸湿性 Low moisture absorption

◆ 产品特性 Characteristics

检验项目 Test Items	测试条件 Condition of Testing	单位 Units	产品 Product			测试方法 Test Method
			HFBSX25X	EFBSX25X-K	EFBSX25X-A-UV	
厚度 (Thickness)	A	μm	25±10%	25±10%	25±10%	APLUS SPEC
剥离强度 (Peel strength)	PI/Cu	kgf/cm	≥1.0	≥1.0	≥1.0	IPC-TM-650 2.4.9
焊锡耐热性 (Solder resistance)	10 seconds at 288℃	—	PASS	PASS	PASS	IPC-TM-650 2.4.13
吸水率 (Water absorption)	25℃, 24hr, water immersion	%	0.09	0.04	0.11	IPC-TM-650 2.6.2D
耐化性 (Chemical resistance)	IPA/MEK/2M HCl / 2M NaOH	%	≤20	≤20	≤20	IPC-TM-650 2.3.2
溢胶量 (Resin flow)	A	mm	≤0.20	≤0.20	≤0.20	IPC-TM-650 2.3.17.1
电气特性 (Electrical characteristics)	介电常数Dk @15GHz	—	2.78	2.94	2.73	IPC-TM-650 2.5.5.13
	介电损失Df @15GHz	—	0.0050	0.0019	0.0012	
热力学特性 (Thermodynamic property)	Td 5% Weight loss	℃	355	444	293	IPC TM-650 2.4.24.6
	Tg	℃	71	75	56	IPC TM-650 2.4.24.3
储存期限 (Shelf life)	≤10℃, 40-70%RH	month	3 months in the original producing			APLUS SPEC

*所有数据为测试代表值 All data are representative value and not guarantee.