

Low CTE& Normal Tg & Lead Free Compatible
NY2140L

特点 FEATURES:

- Tg140℃ 无铅兼容 Tg140℃ Lead-free Compatible
- 优秀的剥离强度 Excellent Peel Strength
- 低Z-CTE值 Low Z-axis CTE
- 低的吸水率 Low Water Absorption
- 优秀的耐CAF性能 Excellent Anti-CAF Performance
- 优秀的尺寸安定性 Excellent Dimension Stability

应用领域 APPLICATIONS:

- 消费电子 Consumer Electronics
- 仅限用于双面板 Only for double-sided boards

NY2140L基板典型性能 Typical Properties for NY2140L Laminate

属性 Property	项目 Item		测试方法 IPC-TM-650	测试条件 Test Condition	单位 Unit	典型值 Typical Value
热性能 Thermal	玻璃态转换温度 Tg		2.4.25	DSC	℃	140
			2.4.24	TMA	℃	\
			2.4.24.4	DMA	℃	\
	X/Y轴热膨胀系数CTE,X/Y-axis		2.4.24.5	< Tg,TMA	PPM/℃	15/17
	Z轴热膨胀系数 Z-axis		2.4.24	< Tg,TMA	PPM/℃	50
				> Tg,TMA	PPM/℃	260
			2.4.24	50~260℃	%	3.0
	热裂解温度 Td		2.4.24.6	TGA(5%W.L)	℃	360
	耐热性 T288		2.4.24.1	Clad	Min	30
				Etched	Min	40
	介电常数 DK (R/C45%)	5GHz	SPDR method	C-24/23/50	-	5.15
	介质损耗 Df (R/C45%)	5GHz	SPDR method	C-24/23/50	-	0.015
物理性能 Physical	吸水率 Water Absorption		2.6.2.1	E-1/105+D-24/23	%	0.15
	剥离强度 Peel Strength (HTE)	1oz	2.4.8	As Received	N/mm	1.2
	剥离强度 Peel Strength (RTF)	1oz				\
	剥离强度 Peel Strength (HVLP)	1oz				\
	弯曲强度 Flexural Strength	Warp	2.4.4	As Received	N/mm ²	515
		Fill				405
	耐燃性 Flame Resistance		UL-94	A&E-4/125	-	V-0