

产品编号 (Item No) : NYHP-7350

型号 (Model) : NYHP-7350 LNB

High Frequency Very Low Loss Laminate

特点:

- 低介电常数(Dk 3.3@10GHz)
- 介质损耗(Df 0.0031@10GHz)
- Tg >200℃无铅兼容板材
- 优异通孔可靠性及 PCB 加工性
- 低吸水性

FEATURES:

- Low Dk (Dk 3.3@10 GHz)
- Low Df (Df 0.0031@10 GHz)
- Tg>200℃, Lead-free compatible
- Superior PTH reliability and easy PCB processing
- Low moisture absorption

应用领域:

- 卫星电视高频头

APPLICATIONS:

- LNB

NYHP-7350 LNB 基板产品规格表 Specification Sheet for Laminate

NYHP-7350 LNB 覆铜板 NYHP-7350 LNB Type Laminate	单位Units	典型值 Typical Value	条件 Condition	测试方法 Test Method
	Metric(English)	0.508 mm CCL		IPC-TM-650
1. 抗剥强度Peel Strength, As received	N/mm(lb/inch)	>0.8 (4.57)	0.5oz HTE	2.4.8
2. 体积电阻 Volume Resistivity,	MΩ-cm, Minimum	1.0×10 ¹⁰	COND A	2.5.17.1
3. 表面电阻 Surface Resistivity,	MΩ, Minimum	5.1×10 ⁹	COND A	2.5.17.1
4. 吸水率 Moisture Absorption	% maximum	0.08		2.6.2.1
5. 介电常数 Permittivity (Laminate & Prepreg as laminated)	--- maximum	3.3	10 GHz/23℃	2.5.5.5
6. 介质损耗 Loss Tangent (Laminate & Prepreg as laminated)	--- maximum	0.0031	10 GHz/23℃	2.5.5.5
7. TCDK	PPM/℃	48	-50℃-150℃	2.5.5.5
8. 弯曲强度 Flexural Strength, A. 纵向 Length direction B. 横向 Cross direction	N/mm ² , minimum	220 140	RT	2.4.4
9. 热应力冲击 Thermal Stress A. 未蚀刻 Unetched B. 蚀刻 Etched	10 sec at 288℃	Pass Pass	288℃	2.4.13.1
10. 燃烧性 Flammability (Laminate & Prepreg as laminated)	rating	V-0		UL94
11. 玻璃态转化温度 Glass Transition Temperature	℃	>200	DMA	2.4.24
12. 热分解温度 Decomposition Temperature	℃	400		TD (5% wt loss)
16. 膨胀系数Z-Axis CTE A. 50 to 280 ℃	%	1.2		2.4.24
13. 耐热性(除去铜箔) Thermal Resistance (Copper removed) A.T260 B.T288 C.T300	Minutes Minutes Minutes	>120 > 60 > 60		2.4.24.1
14. 耐CAF性能 CAF Resistance	Pass/Fail	Pass	AABUS	2.6.25

*AABUS = 供需双方商定 As agreed upon between user and supplier.