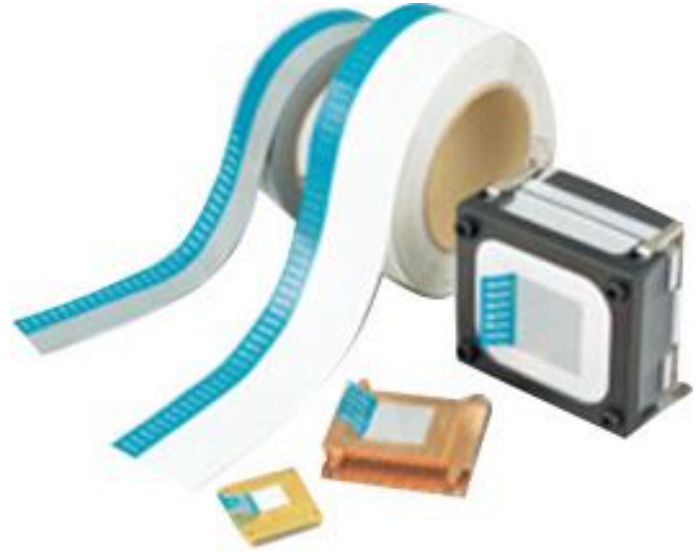


导热相变化材料



产品描述

导热相变材料可以最大限度地覆盖于电子元件表面，充分排出元件间的空气，从而提高设备可靠性应用。导热相变材料室温下较易于贴覆在散热器或元件表面。当温度达到 52°C 以上时，21-270 导热相变材料开始软化流动，润湿于元件表面，从而达到较薄厚度和低热阻的效果。导热相变材料可以为片材或卷材，并可更具客户要求进行裁切。

特性与优势

- 低热阻(0.015°C-in²/W @ 50 psi)
- 自粘性，无需背胶
- 稳定的可靠性
- 满足 RoHS 要求

Typical Applications

- CPU (笔记本电脑, 台式电脑, 服务器)
- 芯片
- GPU
- SICS 芯片

典型性能

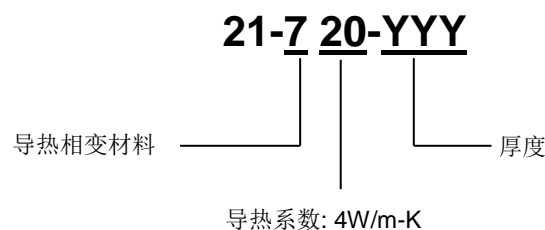
性能	21-720	21-716	TEST METHOD
结构	Non-reinforced film	PI film	
颜色	Grey	Grey	Visual
操作温度 (°C)	52	52	ASTM D3418
厚度 (mm)	0.13-0.25	0.13-0.25	ASTM D374
密度(g/cm ³)	2.93		ASTM D792
阻燃等级	V-0	V-0	UL-94
操作温度 (°C)	-40~125	-40~125	
导热系数 (W/m-K)	4.0	4.0	ASTM D5470
热阻(°C-in ² /W)*			
@ 10 psi (69 KPa)	0.03		ASTM D5470
@ 50 psi (345 KPa)	0.015		
体积电阻率 (Ohm-cm)	2*10 ¹²		ASTM D257

* Typical value of 0.13 mm sample at 70°C

订购信息

- 标准: 16" X 8" (406mmX203mm)
- 可裁切

命名规则



命名实例

21-720-010-0003 = 导热相变材料 21-720 厚度 0.1mm

联系方式

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VERSION: DS-THR-PCM-15-OCT

Important Notice and Disclaimer,

The information provided in this Technical Data Sheet (TDS) including the recommended applications of the product are based on Jones Tech's knowledge and experience of the product. The product can have a variety of different applications as well as differing application and working conditions in end user's environment that are beyond our control. Before using this product, end customer must evaluate it and determine if it is suitable for its intended application. End user assumes all risks and liability associated with such use. Jones Tech's liability is expressly limited to the terms and conditions of sales contract.