

RH-TIP500Y

导热矽胶布

Thermal Film

Features and Benefits

特点与优势

- ✦ High thermal conductivity: 5.0W/m-K
导热系数: 5.0W/M-K
- ✦ Good electrical insulation performance
良好的电气绝缘性能
- ✦ High tensile strength
抗拉强度高
- ✦ Low thermal impedance and high voltage resistance
低热阻抗·抗高压



RH-TIP500Y Thermal conductive silicone tape has high thermal conductivity, strong tensile resistance, superior wear resistance and insulation performance, thin thickness, and can be made into any shape according to demand.

RH-TIP500Y 导热矽胶布具有高导热性能, 较强的抗拉力, 优越的耐磨及绝缘性能, 厚度薄, 并可需求做成任何形状.

The above suggestions and data are based on information that we believe to be reliable. Therefore, these suggestions and data are only for reference, not as product guarantee. It is up to the customer to decide whether the product is suitable or suitable for special use. We recommend that users first determine the suitability of our materials and recommendations before using them in large quantities.

以上建议及数据均来自我们认为可靠的资料。因此这些建议及数据仅供参考, 而不作为产品保证。应由客户决定产品是否合适或适用特殊用途。我们建议用户在大量使用前, 首先确定我们的材料适用性和建议。

RH-TIP500Y						
Property	Parameter	Unit	Test Method			
Color 颜色	白色 White	--	Visual			
Thermal Conductivity 导热系数	5.0	W/m.k	ASTM D5470			
Base Material 基材	玻纤 GlassFiber	--	--			
Hardness 硬度	90	Shore A	ASTM D2240			
Thickness 厚度	0.25-0.5	mm	ASTM D374			
pressure 压力	Psi	10 25 50	100	200		
Thermal impedance 热阻抗	°C *in ² /W	0.44 0.34	0.27	0.22	0.18	
Volume Resistivity 体积电阻率	10 ¹¹	Ω.cm	ASTM D257			
Dielectric Brekdown Voltage 击穿电压	>8	AC KV/mm	ASTM D149			
Permittivity 介电常数	4.0	1000 Hz	ASTM D150			
Fire Rating 防火等级	V-0	--	UL94			
Working Temperature 工作温度	-50~200	°C	--			
RoHS/REACH	Compliance	--	--			

使用 ASTM D5470 测试夹具, 记录值包括界面热阻, 数值仅供参考。实际应用性能到所施加的表面粗糙度、平整度和压力。注: 厚度公差: ±10%, 硬度公差: ±5°, 颜色/厚度/硬度均可按顾客需求调试。

Applications

典型应用

- ✦ Power supply, adapter 电源, 适配器
- ✦ Semiconductor optoelectronic products 半导体光电产品
- ✦ Motor controller 马达控制器
- ✦ Vehicle electronics 车载电子
- ✦ High pressure interface 高压界面

Configurations Available

产品规格

- ✦ Product specification: according to customer requirements
产品规格: 依照顾客要求
- ✦ Die-cutting products: according to customer requirements
模切产品: 依照顾客要求

Storage & Transportation: store in a ventilated, cool and dry place, do not contact with open fire. This product is non-toxic and is stored and transported as non dangerous goods.

储存&运输: 贮存于通风、阴凉、干燥处, 不要接触明火。本产品无毒, 按非危险品贮存及运输。

Packaging: customized packaging according to customer needs.

包装: 根据客户需求定制包装。

Safety: please refer to material safety performance data (MSDS) of our company

安全: 请参阅本公司《材料安全性能数据 (MSDS)》

Period of validity: the product is valid for 24 months

有效期: 本产品有效期为 24 个月