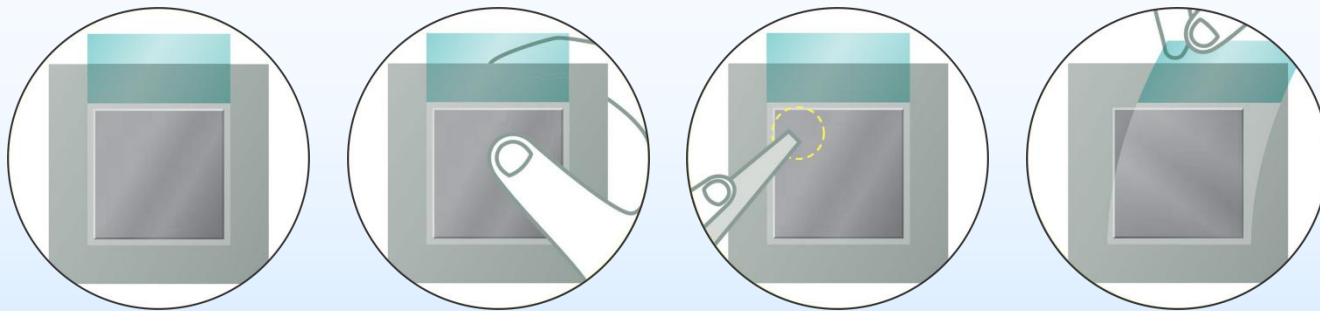


6. 性能参数 Properties

序号 NO	项目 Items	技术指标 Value		检测标准 Test Method
		HCM 200	HCM 300	
1	结构与组成 Construction & Composition	高分子聚合物 Polymer	高分子聚合物 Polymer	--
2	颜色 Color	灰色 Gray	灰色 Gray	--
3	厚度(mm) Thickness	0.25~0.5	0.25~0.5	ASTM D374
4	密度(g/cm ³) (@23°C) Density at 23°C	2.2(±0.5)	2.4(±0.5)	ASTM D792
5	相变温度(°C) Phase Change Temperature	50(±5)	50(±5)	ASTM D3418
6	导热系数(W/m·K) Thermal Conductivity	2.0(±0.2)	3.0(±0.25)	ASTM D5470
7	热阻抗(m ² K/W) (@20psi) Thermal Resistance	0.09	0.001847	ASTM D5470
8	适用温度范围(°C) Applicable temperature range	-40~125	-40~125	--
9	耐冷热冲击循环(次) Cold and hot shock resistance cycle(Times)	≥2000	≥2000	GB2423.22
10	贮存期(月)(23°C,55%RH) Shelf Life(23°C,55%RH)(Month)	12	12	--

7. 使用说明 Instructions

- 采用棉球（棉布）沾上酒精/丙酮，擦干净散热器表面；
- 撕下相变导热材料的保护膜，将其贴在散热器上；
- 用手指轻轻压紧导热相变材料；
- 撕下相变导热材料的另一面保护膜，将器件压在上方。
- Clean radiator surface with alcohol/acetone using a cotton swap;
- Remove the protective film of phase change thermal conductive materials, and post it on the radiator;
- Press the heat conduction phase change materials gently;
- Remove phase change thermal conductive materials on the other side of the protective film, device in upper part pressure.



8. 重要提示 Important Notice

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