



E-Song America, Inc.

100%
RoHS Compliant
Products

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THERMAL INTERFACE PAD: THEA708

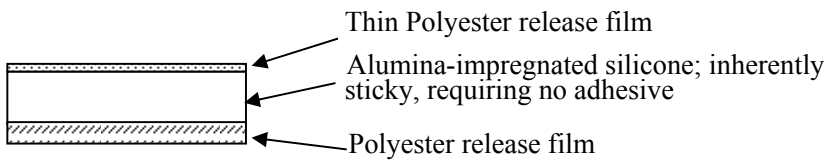
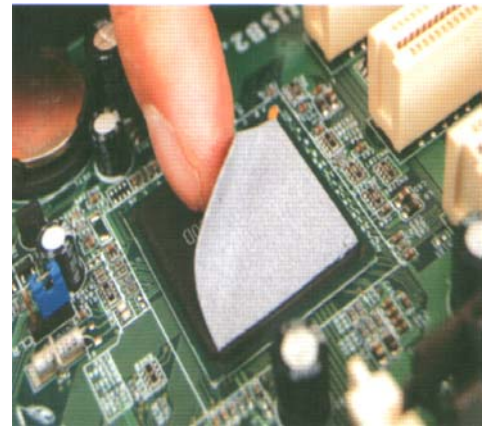
Characteristic

This product is made of soft and highly conformable, low modulus silicone polymer filled with Alumina filler that makes it an excellent heat conductor.

Application

- Suitable as thermal interface pad where pressure load on the components or PCB is critical.
- Available in custom sizes and die-cut shapes/sizes

Product Structure



Technical data

ITEM		VALUE	TEST METHOD	
Material	Binder	Silicone		
	Filler	Alumina		
	Liner	Polyester		
Mechanical properties	Thickness (mm)	Silicone pad available	0.5 to 15 ±0.25	ASTM D 1000
		Release liner films	To be disposed of	
	Standard size (mm)		250 x 250	
	Color	Silicone pad	Dark Gray	Visual
		Release film	Transparent	Visual
	Hardness (Shore 00)		40	ASTM D 2240
	Specific gravity (g/cm ³)		2.0 ~ 2.2	ASTM D 792
Continuous usage temp. (°C)		-60 ~ +200		
Electrical properties	Dielectric constant	5.5 ±0.5	ASTM D 150	
	Dielectric breakdown (kV AC)	> 10	ASTM D 149	
	Volume resistivity (ohm-meter)	> 10 ¹²	ASTM D 257	
Thermal conductivity 10psi (w/mK)		0.8	ASTM D 5470	
Flame Rating		UL94 V0		

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