



# E-Song America, Inc.

100%  
RoHS Compliant  
Products

1901 S. Bascom Ave., Prune Yard Tower I, Suite 1225, Campbell, CA 95008  
Email: sales@esongamerica.com Tel. (408) 466-5446 FAX (408) 879-9373

## THERMAL INTERFACE PAD: THEA715

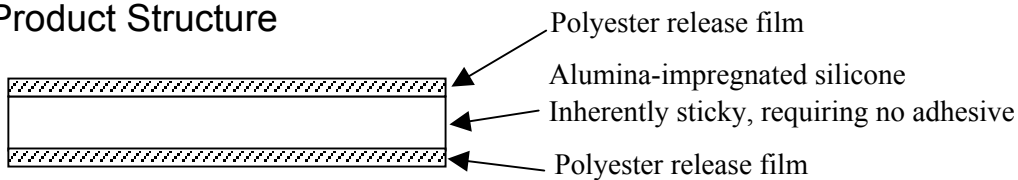
### Characteristic

This product is made of highly conformable, low modulus silicone polymer filled with Alumina filler providing excellent heat conductivity. Flame retardant UL94V0 and good

### Application

- Areas where heat needs to be transferred away to the frame chassis or other type of heat spreader
- Between a CPU and a heat spreader
- Between a CD ROM drive and a heat spreader
- Between a semiconductor and heat sink
- Replacement for messy grease
- Available in custom sizes and die-cut shapes/sizes

### Product Structure



### Technical data

ITEM		VALUE	TEST METHOD	
Material	Binder	Silicone		
	Filler	Alumina		
	Liners (top and bottom)	Polyester		
Mechanical properties	Thickness (mm)	Silicone pad available	0.5 to 10 ±0.25	ASTM D 1000
		Release film	0.100	
	Standard size (mm)		210 x 300	
	Color	Silicone pad	Dark Gray	Visual
		Release film	Transparent	Visual
	Hardness (Shore OO)		50	ASTM D 2240
	Specific gravity (g/cm <sup>3</sup> )		2.3	ASTM D 792
Continuous usage temp. (°C)		-60 ~ +200		
Electrical properties	Dielectric constant		5.5	ASTM D 150
	Dielectric breakdown (kV AC)		>10	ASTM D 149
	Volume resistivity (ohm-meter)		>10 <sup>12</sup>	ASTM D 257
Thermal conductivity 10psi (w/m.K)		1.5	ASTM D 5470	
Flame Rating		UL94 V0		

