



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

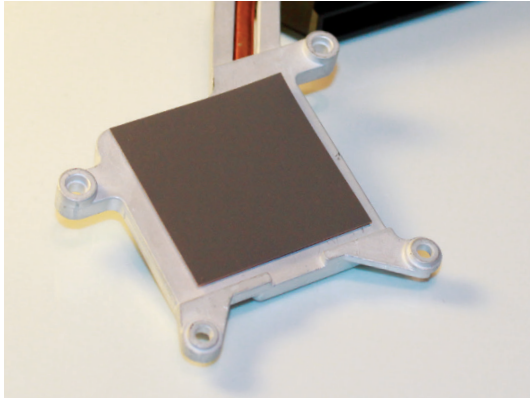
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



H48-6S

Thermal Conductive Pad



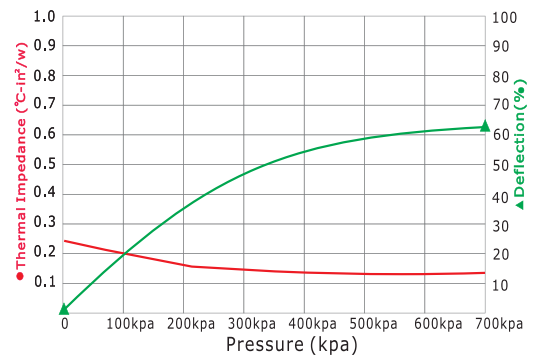
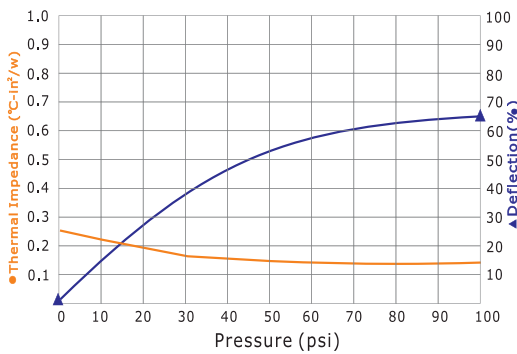
Features

- Very good thermal conductivity
- Very soft and compressible
- Natural tack
- Easy to assemble
- Very good insulator

Applications

- Electronic components: IC / CPU / MOS
- LED / M/B / P/S / Heat Sink / LCD-TV / Notebook PC / PC / Telecom Device / Wireless Hub etc....
- DDR II Module / DVD Applications / Hand-Set applications etc...

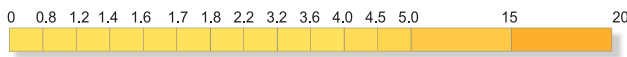
Thermal Resistance V.S Pressure V.S Deflection



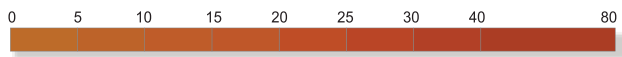
Properties

- REACH Compliant
- RoSH Compliant

Thermal Conductivity: 1.8 W/mK
(W/mK - Z Axis)



Hardness: 16 (Shore A)
(Shore A)



Testing sample thickness : 1.0 mm

In the thermal resistance vs pressure vs deflection charts H48-6S provides low thermal impedance. As the pressure increases the thermal impedance decreases. H48-6S provides good compliance and softness.

Property	H46-6S	Unit	Tolerance	Test Method
Colour	Dark red	-	-	Visual
Thickness (Available thickness range)	0.2	mm	-	ASTM D374
	0.0079	inch	-	ASTM D374
Thermal Conductivity	1.8	W/mK	-	ASTM D5470
Flammability Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	>7	kV/mm	-	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Specific Gravity	1.95	g/cm ³	±0.2	ASTM D792
Working Temperature	-40 to 200	°C	-	-
Volume Resistance	>10 ¹²	Ohm-cm	-	ASTM D257
Elongation	0.2	%	-	ASTM D412
Tensile Strength	66.5	Kgf/cm ²	±2	ASTM D412
Standard Shape	-	Sheets 320-320mm	-	-
Hardness	16	Shore A	±2	ASTM D2240

Available with an adhesive backing

