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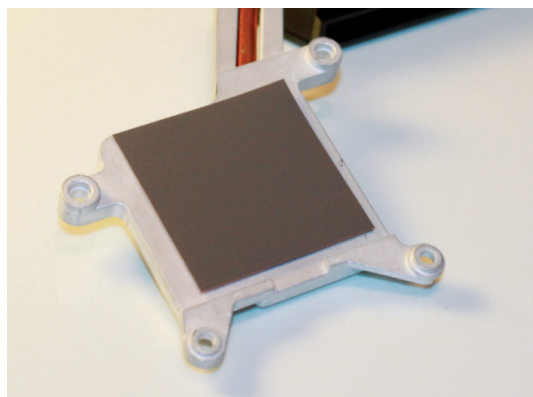
[H48-6S-150-150-0.23-0](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

H48-6S

Thermal Conductive Pad



Features

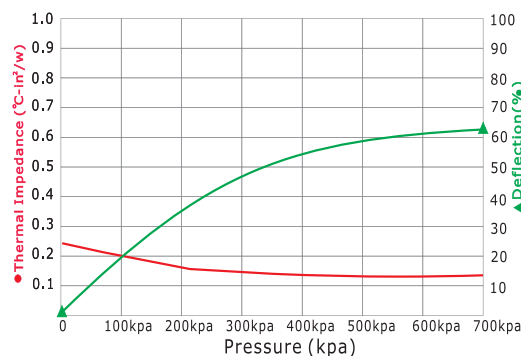
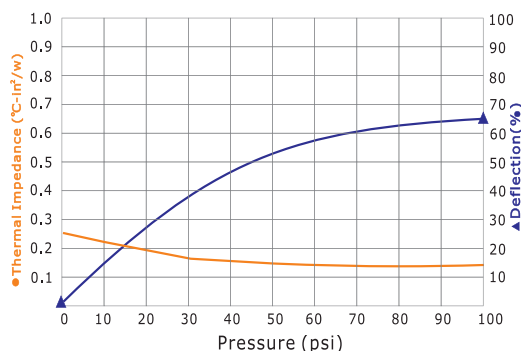
Very good thermal conductivity
Very soft and compressible
Natural tack
Easy to assemble
Very good insulator

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...

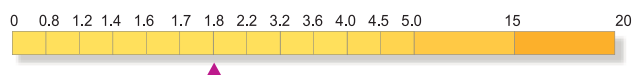


Thermal Resistance V.S Pressure V.S Deflection



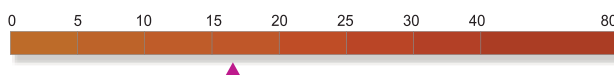
Properties

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



Testing sample thickness : 1.0 mm

Hardness: 16 (Shore A)
(Shore A)



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/cm³	±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/cm²	±2	ASTM D412
Standard Shape	-	Sheets 320-320mm	-	-
Hardness	16	Shore A	±2	ASTM D2240

Available with an adhesive backing



X y z
H48-6S - 15 - 20 - 3 - 1A - 20 4
1 2 3 4

1. Part Number
2. Size X-Y-Z
3. Adhesive backing - 0=None, 1A-one side, 2A-two sides
4. Quantity