



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

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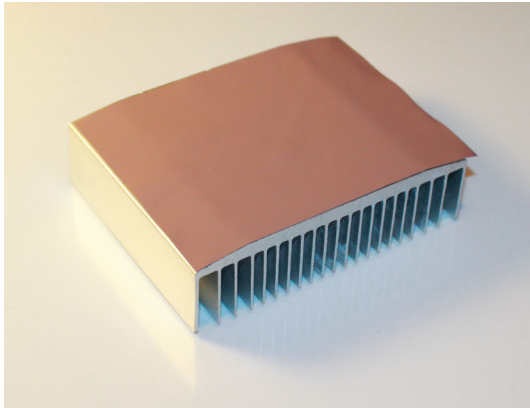
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



H48-2K

Thermal Conductive Pad on rolls



Features

- No carrier
- Low contact thermal impedance
- Non-Oil Bleed
- High dielectric breakdown voltage

Applications

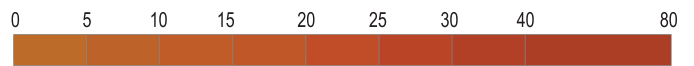
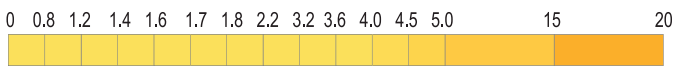
- Electronic components: IC / CPU / MOS
- LED / M/B / P/S / Heat Sink / LCD-TV / Notebook PC / PC / Telecom Device / Wireless Hub etc....
- DDR II Module / DVD Applications / Hand-Set applications etc...

Properties

- REACH Compliant
- RoHS Compliant

Thermal Conductivity: 1.8 W/m.k
(W / m.k - Z Axis)

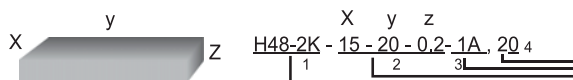
Hardness: 60 (Shore A)
(Shore A)



In the thermal resistance vs pressure vs deflection charts H48-2K provides low thermal impedance. As the pressure increases the thermal impedance decreases. H48-2K provides good compliance and softness.

Property	H48-2K	Unit	Test Method
Thickness	0.1/ 0.15 / 0.2 / 0.3	mm	-
Color	Dark Red	-	Visual
Construction	Silicone based with ceramic fillers (non-silicone oil)	-	-
Opt.Temp. Range	-45 to 200	°C	-
Density	2.1	g/cm ³	ASTM D792
Thermal Conductivity	1.8	W/m.k	ASTM D5470
Hardness Shore A	60	-	ASTM D2240
Thermal impedance			ASTM D5470
10psi	0.21/0.37/0.57	K- in ² /W	-
50psi	0.20/0.33/0.51	K- in ² /W	-
100psi	0.17/0.31/0.46	K- in ² /W	-
Percent deflection			ASTM D575
10psi	2	%	-
50psi	5	%	-
100psi	11	%	-
Breakdown voltage	1.2 / 2.5 / 3.5	kV	ASTM D149
TML	< 0.5%	%	ASTM E595
Tensile strength	200	Psi	ASTM D412
Elongation	50	%	ASTM D412
UL flammability	V-0	-	UL 94
Roll Length / Width	50 - 320	Metres / mm	-

Available with an adhesive backing



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

