Li-98
Thermal Tape

Features

Good adhesion
Very good thermal conductivity
Soft and compressibility
Easy to assemble

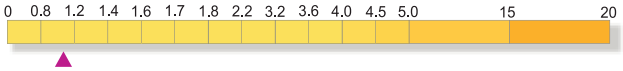
Applications

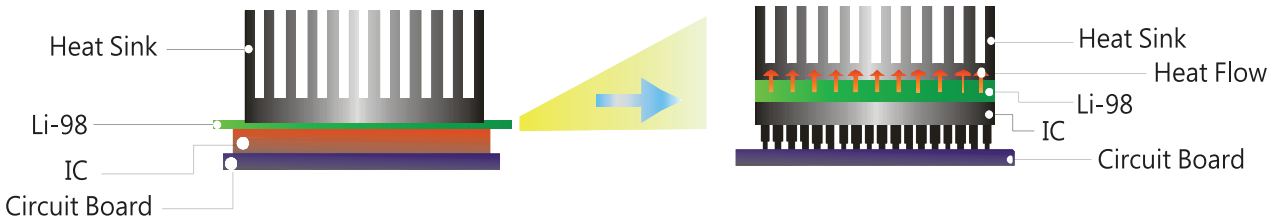
Electronic components: IC / CPU / MOS
LED / M/B / P/S / Heat Sink / LCD-TV / Notebook PC / PC / Telecom Device / Wireless Hub etc....
DDR II Module / DVD Applications / Hand-Set applications etc...

Properties

REACH Compliant
RoHS Compliant

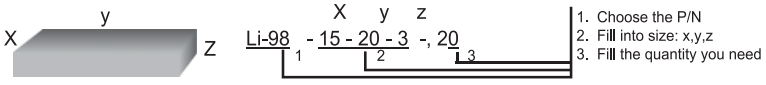
Thermal Conductivity: 0.95 W/m.k
(W / m.k - Z Axis)





Property	Li-98		Li-98C	Li98CN	Unit	Test Method
Thickness	0.15	0.25	0.2	0.18		ASTM D374
Colour	White	White	White	White		Visual
Reinforcement carrier	Fibreglass mesh					
Density	1.85	1.85	1.9	1.8	g/cm³	ASTM D792
Tensile strength	200	400	200	50	psi	ASTM D412
Glass transition temperature	-30	-30	-27	-30	˚C	
Short time use temperature (30sec)	200	200	200	200	˚C	
Continuous working temperature	-30 to 120	-30 to 120	-30 to 120	-30 to 120	˚C	
Thermal conductivity	0.95	0.95	1.8	2	W/mK	ASTM D5470
Thermal impedance @ ‹1psi	1.0	1.8	0.7	0.6	C in 2/W	ASTM D5470
Thermal impedance @ 50psi	0.9	1.5	0.5	0.3	C in 2/W	ASTM D5470
Initial tack	11	10	14	15	cm	PSTC-6
Lap shear strength	61	61	65	55	N/cm²	ASTM D1002
Die shear strength @ 25 ˚C	120	120	118	100	N/cm²	-
Die shear strength @ 80 ˚C	69	69	68	55	N/cm²	-
Holding power 1000g @ 25 ˚C using 1 in²	›10000	›10000	›10000	›10000	min	PSTC-7
Holding power 1000g @ 80 ˚C using 1 in²	›10000	›10000	›10000	›10000	min	PSTC-7
180° peeling strength (aluminium)	4	5	4	3	N/cm	ASTM D3330
Dielectric breakdown voltage (Vac)	›2	›3	›3	›5	kV	ASTM D149
Dielectric breakdown voltage (Vdc)	›3	›4	›4	›6	kV	ASTM D149

Need samples? Pre-cut different shape



Für weitere Informationen: INFRATRON GmbH · +49 (0) 89 / 158 126 - 0 · info@infratron.de · www.infratron.de