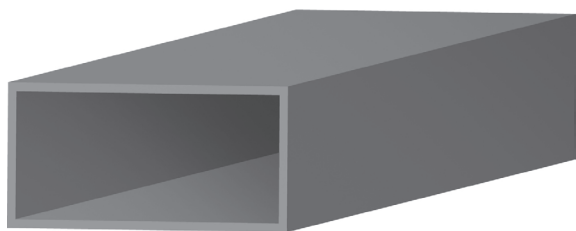


THINC Series

Thermal Interface Caps (THINC)



Features

- Low thermal contact resistance
- Electrically isolating
- Complies with UL standards

Properties

Property	THINC22-T0220-16-11.4-5.8-0.3	THINC22-T0220-16-11.4-5.8-0.45	THINC23-T0220-21.5-11.4-5.8-0.3	THINC23-T0220-21.5-11.4-5.8-0.45	THINC33-T0247-28.5-17.5-5.8-0.3	THINC33-T0247-28.5-17.5-5.8-0.45	Test Method
Colour	Grey	Grey	Grey	Grey	Grey	Grey	Visual
Material	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone	-
Thickness (mm)	0.3	0.45	0.3	0.45	0.3	0.45	-
Op. Temp. Range (°C)	-45 to 180	-45 to 180	-45 to 180	-45 to 180	-45 to 180	-45 to 180	-
Density (g/cm ³)	2.55	2.55	2.55	2.55	2.55	2.55	ASTM D792
Thermal Conductivity (W/mk)	1.9	1.9	1.9	1.9	1.9	1.9	ASTM D5470
Shore A	75	75	75	75	75	75	ASTM D2240
Breakdown Voltage AC (V)	4000	4000	4000	4000	4000	4000	ASTM D149
Breakdown Voltage DC (V)	6000	6000	6000	6000	6000	6000	ASTM D149
Dielectric Constant (1000 Hz)	5.8	5.8	5.8	5.8	5.8	5.8	ASTM D150
Thermal Impedance (°Cin ² /w)							
t=0.23mm 20psi	0.55	0.55	0.55	0.55	0.55	0.55	ASTM D5470
t=0.23mm 50psi	0.38	0.38	0.38	0.38	0.38	0.38	ASTM D5470
t=0.23mm 100psi	0.29	0.29	0.29	0.29	0.29	0.29	ASTM D5470
TML (%)	<0.2%	<0.2%	<0.2%	<0.2%	<0.2%	<0.2%	ASTM E595
Flammability Rating	V-0	V-0	V-0	V-0	V-0	V-0	UL 94

Limited Warranty

Thermal Capacitor Caps are guaranteed against detachment, under normal use, for 5 years from the purchase date. The User shall be solely responsible for determining the suitability of TIM for the intended use, and the user assumes all risks and liabilities whatsoever in connection there with. Neither seller nor manufacturer shall be liable either in tort or in contract for any loss damage, including loss of profits or revenue arising out of the use or the inability to use the product.