LISAT
LEADER IN SOLUTION APPLICATION TECHNOLOGY

LST-TIP-430

Description

LISAT LST-TIP-430 is a cost effective thermal interface pad with good thermal conductivity. It has excellent heat conduction and a stable insulation performance characteristics. With good contact between the heating device and the heat radiating member, this will effectively improve the heat transfer speed. Commonly used in wireless electronics equipment, laptop, LED application and many other electronics applications.

Features and Benefits

- Good Thermal Conductivity
- Silicon Formulation Pad
- Mid Range Hardness
- Low Thermal Resistance

Typical Applications

@ Between Semicondcutor & Heat Sink
@ Communication Products
@ Power Supply Application
@ LED Equipment

Properties

Note : Below technical data and information should be thought as typical or representative only and should not be use for specification purpose.

TYPICAL PROPERTIES OF THERMAL INSULATOR LST-TIP-430		
PROPERTY	**METRIC VALUE**	**REFERENT STANDARD**
Color	Light Blue	Visual
Hardness (Shore A)	40 ~ 50	ASTMD2240
Thickness (mm)	0.50 ~ 3.00	ASTM D374
Density (g/cm^3)	3.1	ASTM D792
Application Temperature (°C)	-50 to 200	N/A
ELECTRICAL		
Dielectric Breakdown Voltage (KV/mm)	≧5	ASTM D149
Volume Resistivity (Ω-cm)	10^{13}	ASTM D257
Dielectric Constant (1000Hz)	7.0	ASTM150
Flame Rating	UL 94	UL94
THERMAL		
Thermal Conductivity (W/m-K)	3.0	ASTM D5470
Thermal Impedance (°C-in²/W)	0.28	ASTM D5470

Part-Number Ordering System : LST-TIP-430-x.xx-☐

Blank = Non Adhesive
AC = Adhesive Coated
Standard Thickness =
0.50 / 1.00 / 1.50/
2.00 / 2.50 / 3.00mm

LISAT
2870 Scott Street, Suite 101 Vista, CA 92081, U.S.A.
Tel : (1)-760-5981066 / Fax : (1)-760-5982871 / Email : alan@lisat.net / Web : www.lisat.net