

LY-TAB5008

Thermal Absorber Interface Pad is a multifunctional material that takes into account both thermal conductivity and wave absorption ability, and the product can achieve low interface thermal impedance and high electromagnetic wave absorption performance under low pressure, and LY-TAB series product has good insulation withstand voltage characteristics and environmental stability.

Thermally Absorber Interface Pad features thermal conductivity of up to 5.0W/m-K can be applied directly between the heat sink and the metal housing, effectively exporting thermal energy. At the same time, it has considerable electromagnetic shielding and electromagnetic clutter absorption performance, and provides a balanced solution for electronic products in thermal conductivity and electromagnetic compatibility problems.

Features and Benefits

- High thermal conductivity and low thermal resistance
- Good resilience and good self-adhesiveness
- Good insulation withstand voltage characteristics
- Excellent electromagnetic wave attenuation ability and good surface compatibility

Applications

- Optical Module and Power amplifier
- PCB、IC、CPU、MOS、LED
- Laptop computer, router, TV etc.
- Storage devices, Power devices
- Radar system

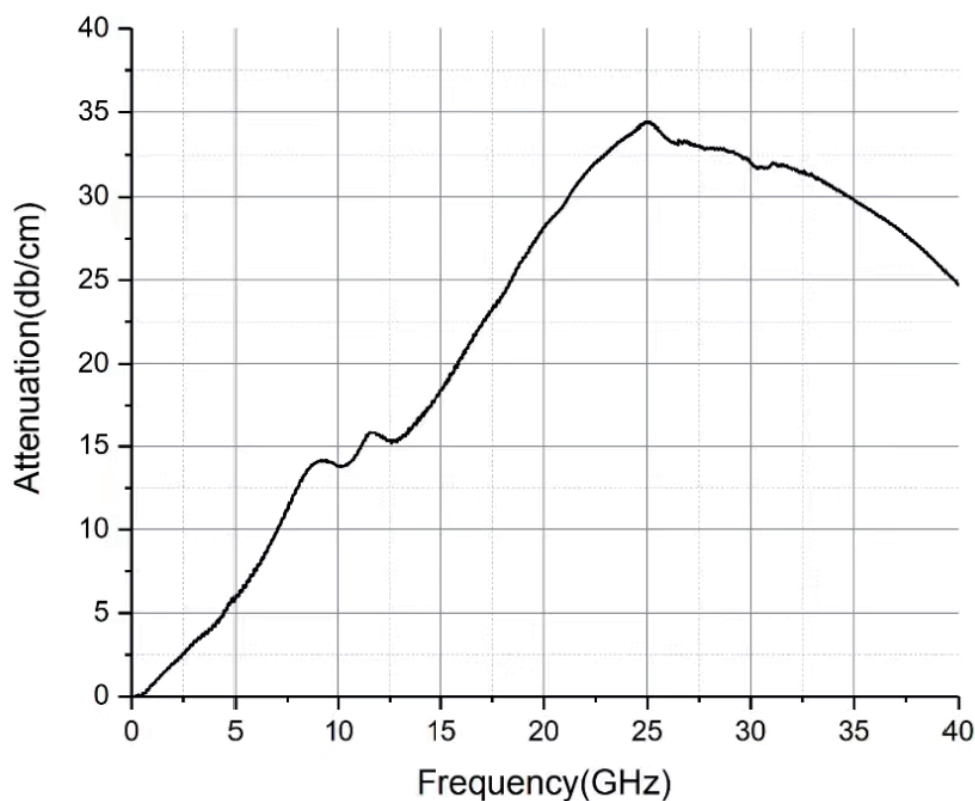
Characteristics

PROPERTIES	LY-TAB5008	TEST METHOD
Color	gray	/
Thickness, mm	0.75	ASTM D 374
Volume Resistance, ohm-cm	$> 10^{13}$	ASTM D257
Density, g/cc	4.0	ASTM D792
Hardness, shore 00	70	ASTM D2240
Breakdown Voltage, kV/mm	> 0.3	ASTM D149
Attenuation, dB/cm	>10 @8GHz	SJ 20512-1995
	>20 @18GHz	
	>30 @25GHz	
Thermal conductivity, W/m-k	5	ASTM D5470
Flame Retardant Rating	V-0	UL94
Service Temperature, °C	-40 to +150	/



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Attenuation



Storage

Temperature :25 °C and 50% Relative Humidity

Shelf Life

12 months from manufacture date with original package

Regulation

RoHS & HF Compliant

Disclaimers

Many factors beyond Longyoung's control and uniquely within user's knowledge and control can affect the use and performance of a longyoung product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application.

