

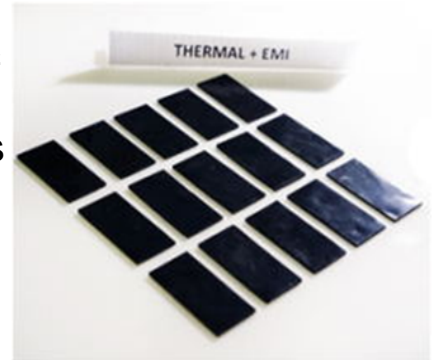
Thermally Conductive EMI Absorber / XK-J25

Introduction

Both issues of thermal conductivity and Electromagnetic absorber can be solved at the same time in the limited space and time. Also simplify the mechanical design costs. Soft silicone base can reduce Internal stress and tolerance and make the terminal product design more reliable.

Features

Effectively absorb and damp a wide range of electromagnetic waves
Easily filling small gaps and uneven surfaces with soft gel



Applications:

a wide temperature range because of the inherent advantages of silicone gel

	Unit	XK-J25	Method
Color		Dark Gray	Visual
Thickness	mm	0.5~3.0	ASTM D374
Specific Gravity	g/cm ³	4.3	ASTM D792
Hardness	Shore00	55	JIS K7312
Thermal impedance@0.5mm	°Cin ² /W	0.48	ASTM D5470
Thermal Conductivity	W/mK	2.5	HOT DISK
1Mhz Permeability	1	20	1Mhz
1Ghz Permeability	1	3	1Ghz
Tensile strength	psi	40	ASTM D149
Elongation	%	30	ASTM D149
Siloxane Volatiles D4~D20	%	0.01	GC-FID
Flammability	UL94	V-0	UL94