

Non-Silicone Thermal Pad / XK-PN50

Introduction

Non Silicone Thermal pads are particularly suitable for silicone-sensitive applications. This kind of Soft Pads have high electrical insulation and thermal performance.

Features

Silicone-free for emulsion

Electrical insulation

Applications

Digital disk drives

Fiber optics modules



	unit	XK-PN50	Method
Color		Gray	visual
Thickness	mm	0.5~3.0	ASTM D374
Specific Gravity	g/cm ³	3.2	ASTM D792
Hardness	Asker C	40	JIS K7312
	Shore 00	75	ASTM D2240
Thermal impedance@0.5mm	°Cin ² /W	0.15	ASTM D5470
Thermal Conductivity	W/mK	5.0	HOT DISK
Volume Resistivity	Ωcm	>10 ¹³	ASTM D257
Breakdown Voltage	KV/mm	>10	ASTM D149
Dielectric Constant	1	8	ASTM D150
Application temperature	°C	-40~125	
Tensile strength	psi	10	ASTM D149
Elongation	%	20	ASTM D149
Siloxane Volatiles D4~D20	%	0	GC-FID
Flammability	UL94	V-0	UL94