

Non-Silicone Thermal Pad / XK-PN20

Introduction

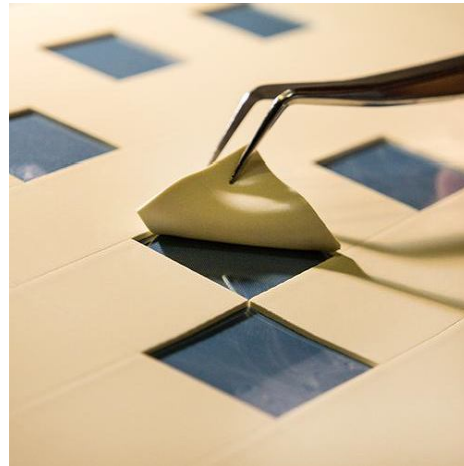
Non Silicone Thermal pads are particularly suitable for silicone-sensitive applications. This kind of Soft Pads have high electrical insulation and thermal performance.

Features

Silicone-free for emulation
Electrical insulation

Applications

Digital disk drives
Fiber optics modules



	unit	XK-PN20	Method
Color		Yellow	visual
Thickness	mm	0.5~5.0	ASTM D374
Specific Gravity	g/cm ³	2.8	ASTM D792
Hardness	Asker C	15	JIS K7312
	Shore 00	40	ASTM D2240
Thermal impedance@0.5mm	°Cin ² /W	0.37	ASTM D5470
Thermal Conductivity	W/mK	2.0	HOT DISK
Volume Resistivity	Ωcm	>10 ¹³	ASTM D257
Breakdown Voltage	KV/mm	>10	ASTM D149
Dielectric Constant	1	7	ASTM D150
Application temperature	°C	-40~125	
Tensile strength	psi	15	ASTM D149
Elongation	%	40	ASTM D149
Siloxane Volatiles D4~D20	%	0	GC-FID
Flammability	UL94	V-0	UL94