



3W/m·K silicone thermal pad for high operating temperature applications

Features

- Soft, high thermal conductive sheet.
- Volatilization of low-molecular-weight siloxane gas is minimal, which should minimize PCB contact failure in long-term use.

(The values below are not guaranteed.)

Test type	Unit	Standard	SPV
Thermal Conductivity	W/m·K	JIS R 2616 (Hot-wire method)	3.0
		ISO22007-2 (Hot Disc method)	2.3
Color	—	—	Green
Thickness	mm	—	0.5/1.0
Specific Gravity	—	JIS Z 8807	2.2
Hardness	ASCER C	JIS K 7312	40
	Shore 00	ASTM D 2240	69
Tensile strength	MPa	JIS K 6251	0.49
Elongation rate	%	JIS K 6251	160
Volume Resistivity	$\Omega \cdot \text{cm}$	JIS K 6911 compliant	2.0×10^{11}
Breakdown voltage	kV/mm	JIS C 2110-1 compliant	0.69
Withstanding voltage	kV/mm	JIS C 2110-1 compliant	0.3
Dielectric constant	1MHz	Company standard	35.1
Loss tangent	1MHz	Company standard	0.07
Flammability	—	UL94	V-1(t 0.5mm)
Operating temp	°C	—	-20~125
Available max. dimension, ^{*)}	mm	—	210×510

※ 1) Please contact us for available pcs/sheet.

