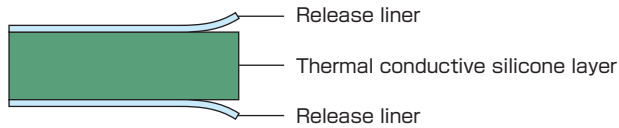


## 5W/m·K silicone thermal pad for high operating temperature applications

### Features

- 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	SPVS
Thermal Conductivity	W/m·K	JIS R 2616 (Hot-wire method)	5.0
		ISO22007-2 (Hot Disc method)	3.4
Color	—	—	Green
Thickness	mm	—	0.5 / 1.0 / 1.5
Specific Gravity	—	JIS Z 8807	2.75
Hardness	ASCER C	JIS K 7312	70
	Shore 00	ASTM D 2240	86
Tensile strength	MPa	JIS K 6251	0.78
Elongation	mm	JIS K 6251	11.4
Volume Resistivity	Ω·cm	JIS K 6911 compliant	3.0×10 <sup>11</sup>
Breakdown voltage	kV/mm	JIS C 2110-1 compliant	3.2
Withstanding voltage	kV/mm	JIS C 2110-1 compliant	1.8
Dielectric constant	1MHz	Company standard	13.7
Loss tangent	1MHz	Company standard	0.06
Flammability	—	UL94	V-0
Operating temp	°C	—	-20~125
Available max. dimension <sup>*1</sup>	mm	—	210×510

\* 1) Please contact us for available pcs/sheet.