

Ultra soft (ASKER C 8) Thermal Pad

Features

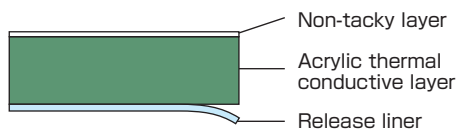
- Super compliant (ASKER C 8) material minimizes thermal resistance. Compliant thermal pad with excellent compressive stress relaxation.
- that reduces the load to heat element and PCB.
- Silicone-free, no siloxane outgassing.
- Oil bleeding is reduced compared to silicone-based thermal materials.

(The values below are not guaranteed.)

Test type	Unit	Standard	CPSS-F	CPSS
Thermal Conductivity	W/m·K	JIS R 2616 (Hot-wire method)	2.0	2.0
		ISO22007-2 (Hot Disc method)	1.5	1.5
Color	—	—	DarkGreen	DarkGreen
Thickness	mm	—	1.0/1.5/2.0 2.5/3.0/4.0	4.0
Specific Gravity	—	JIS Z 8807	1.92	1.92
Hardness	ASKER C	JIS K 7312	8	8
	Shore OO	ASTM D 2240	33	33
Tensile strength	MPa	JIS K 6251	0.28	—
Elongation	mm	JIS K 6251	6.21	—
Volume Resistivity	Ω·cm	JIS K 6911 compliant	1.0×10 ¹²	1.0×10 ¹²
Breakdown voltage	kV/mm	JIS C 2110-1 compliant	3.5	—
Withstanding voltage	kV/mm	JIS C 2110-1 compliant	2.8	—
Dielectric constant	1MHz	Company standard	14.6	—
Loss tangent	1MHz	Company standard	0.09	—
Flammability	—	UL94	V-2(t1.0 - 3.0mm) V-0(t4.0mm)	—
Operating temp	°C	—	-40~100	-40~100
Available max. dimension ^{※1}	mm	—	210×510	210×510

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

One-side tacky type / CPSS-F



Both-side tacky type / CPSS

