



L37-3F / TG-A373F

Thermal Pad

REACH Compliant RoHS Compliant UL Compliant

Features

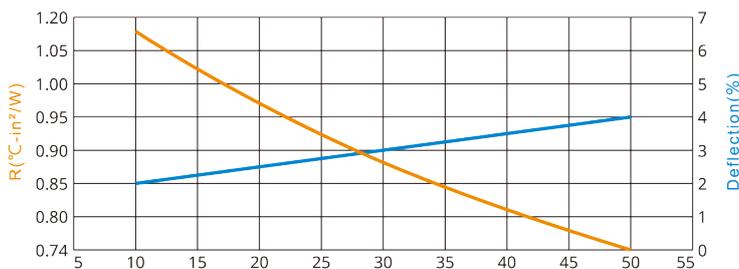
- Low elongation
- Electrical insulation
- Easy to assemble
- Made from silicone, thermal conductive particles, fiberglass

Applications

Electronic components - Electric Vehicles, 5G, Autopilot System, Mobile Phone, AIOT, HPC (High Performance Computing), Server, IC, CPU, MOS, LED, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR II Module, etc.

Properties

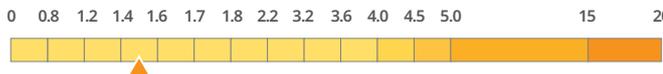
Thermal Resistance vs. Pressure vs. Deflection



Pressure(psi)	R(°C-in²/W)	Deflection(%)
10	1.08	2
30	0.88	3
50	0.74	4

Thermal Conductivity : 1.5 W/mK

Hardness : 75 (Shore 00)



Properties	L37-3F / TG-A373F	Unit	Tolerance	Test Method
Thermal Conductivity	1.5	W/mK	±10%	ASTM D5470
Thickness	0.25/0.3/0.45	mm	-	ASTM D374
	0.0098/0.0118/0.0177	inch	-	ASTM D374
Color	Yellow	-	-	Visual
Reinforcement Carrier	Fiberglass Mesh	-	-	-
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	≥3.1/≥4.1/≥5.1	KV	-	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Density	2	g/cm³	±10%	ASTM D792
Working Temperature	-40~+200	°C	-	-
Volume Resistance	>10 ¹¹	Ohm-m	-	ASTM D257
Elongation	5	%	-	ASTM D412
Tensile strength	150	kgf/cm²	-	ASTM D412
Standard Format	Sheet	-	-	-
Hardness	75	Shore A	±7	ASTM D2240

※Different tolerances according to the selected thickness
 ※Pre-cut for different shapes

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