



L37-3S / TG-A373S

Thermal Pad

REACH Compliant RoHS Compliant UL Compliant

Features

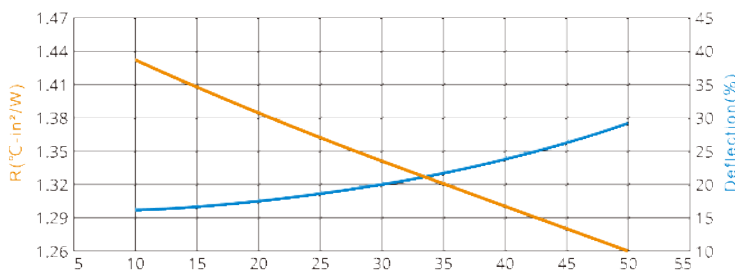
- Great reworkability & Easy to assemble
- High softness and compressibility
- Natural tack
- Shock & vibration absorber

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

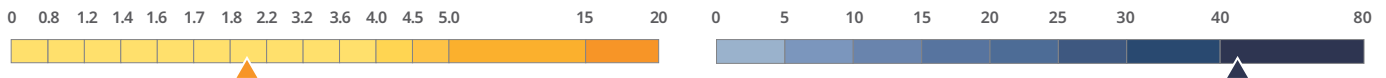
Thermal Resistance vs. Pressure vs. Deflection



| Pressure(psi) | R(°C-in²/W) | Deflection(%) |
|---------------|-------------|---------------|
| 10 | 1.43 | 16 |
| 30 | 1.34 | 20 |
| 50 | 1.26 | 29 |

Thermal Conductivity : 2 W/mK

Hardness : 45 (Shore 00)



| Properties | L37-3S / TG-A373S | Unit | Tolerance | Test Method |
|------------------------------|-------------------|---------------------|-----------|-------------|
| Thermal Conductivity | 2 | W/mK | ±10% | ASTM D5470 |
| Thickness | 0.3~20.0 | mm | - | ASTM D374 |
| | 0.0118~0.787 | inch | - | ASTM D374 |
| Color | Yellow | - | - | Visual |
| Flame Rating | V-0 | - | - | UL 94 |
| Dielectric Breakdown Voltage | ≥13.3 | KV/mm | - | ASTM D149 |
| Weight Loss | <1 | % | - | ASTM E595 |
| Density | 2.21 | g/cm ³ | ±10% | ASTM D792 |
| Working Temperature | -40~+200 | °C | - | - |
| Volume Resistance | >10 ¹⁰ | Ohm-m | - | ASTM D257 |
| Elongation | 350 | % | - | ASTM D412 |
| Tensile strength | 8 | kgf/cm ² | - | ASTM D412 |
| Standard Format | Sheet | - | - | - |
| Hardness | 45 | Shore 00 | ±5 | ASTM D2240 |

※Different tolerances according to the selected thickness

※Pre-cut for different shapes

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