

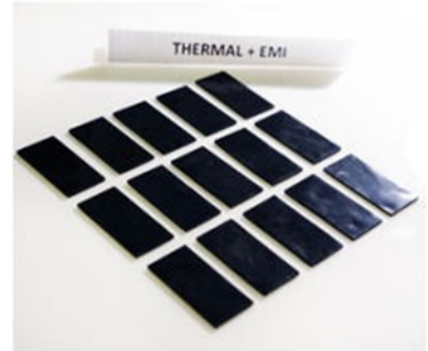
Thermally Conductive EMI Absorber / XK-J18

Introduction

Both issues of thermal conductivity and Electromagnetic absorber can be solved at the same time in the limited space and time. Also simplify the mechanical design costs. Soft silicone base can reduce Internal stress and tolerance and make the terminal product design more reliable.

Features

Effectively absorb and damp a wide range of electromagnetic waves
Easily filling small gaps and uneven surfaces with soft gel



Applications:

a wide temperature range because of the inherent advantages of silicone gel

| | unit | XK-J18 | Method |
|---------------------------|----------------------|-----------|------------|
| Color | | Dark Gray | Visual |
| Thickness | mm | 0.5~3.0 | ASTM D374 |
| Specific Gravity | g/cm ³ | 4 | ASTM D792 |
| Hardness | Shore00 | 45 | JIS K7312 |
| Thermal impedance@0.5mm | °Cin ² /W | 0.67 | ASTM D5470 |
| Thermal Conductivity | W/mK | 1.8 | HOT DISK |
| 1Mhz Permeability | 1 | 10 | 1Mhz |
| 1Ghz Permeability | 1 | 2 | 1Ghz |
| Tensile strength | psi | 40 | ASTM D149 |
| Elongation | % | 30 | ASTM D149 |
| Siloxane Volatiles D4~D20 | % | 0.01 | GC-FID |
| Flammability | UL94 | V-0 | UL94 |