



## GCSR - 065 - GS THERMAL SILICONE GREASE

**GCSR-065-GS** is a silicone thermal grease

### Features

- 6.5 W/m K thermal conductivity
- Easy to use
- High stability
- No dry out



### Configurations

| PART NUMBER     | WEIGHT      |
|-----------------|-------------|
| GCSR-065-GS-40g | 40g syringe |
| GCSR-065-GS-1kg | 1kg pot     |
|                 |             |
|                 |             |

### Properties

| CHARACTERISTIC                          | TEST METHOD | VALUE      |
|-----------------------------------------|-------------|------------|
| Colour                                  | Visual      | White      |
| Thermal Impedance °C-in <sup>2</sup> /W | ASTM D5470  | <0.0016    |
| Thermal conductivity W/m K              | ASTM D5470  | 6.5        |
| Specific gravity. g/cm <sup>3</sup>     | ASTM D1475  | 3.3        |
| Dielectric strength, kV/mm              | ASTM D150   | 8          |
| Operation temperature (°C)              | -           | -20 to 150 |
|                                         |             |            |
|                                         |             |            |

### Applications

Displays, lighting protection: PDP TV, LCD CCFL and LCD LED display backlight, LED signage, projectors and new display technology.

Consumer and industrial electronics: Mobile telephone, communication base station, laptop, notebook, computer servers, handheld gaming devices, memory modules, CPU modules, amplifiers, batteries, and DC to DC converter power supplies.

Automotive electronics: Engine management, electronics suspension, braking systems, communication and multimedia systems, comfort convenience features, vehicle lighting, vehicle controls, hybrid vehicle battery thermal management, electric vehicle thermal management.



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