

GCS-052-SM8 Silicone grease

High performance thermal silicone grease

Features

- Good thermal conductivity
- Easy to assemble
- High stability
- Does not harden with time

Configurations

Part number	Total weight
GCS-052-SM8-20g	20g
GCS-052-SM8-1kg	1kg

Characteristics

Characteristic	Value
Colour	Grey
Thermal conductivity W/mK	5.2
Thermal impedance °C-in ² /W	0.004
Specific gravity	3.25
Evaporation %	0.001
Bleed	0.05
Dielectric constant	5.1
Viscosity	None
Thixotropic index 1/10mm	380 ± 10
Moment beared temperature °C	-50 ~ 340
Operation temperature °C	-30 ~ 300

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 covertors power supplies.

Automotive electronics

Engine management, electronic 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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