

RoHS
Compliant



Features

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

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, electronic suspension, braking systems, communication and multimedia systems, comfort convenience features, vehicle lighting, vehicle controls, hybrid vehicle battery thermal management, electric vehicle thermal management.

Properties

Characteristic	Value	Test Method
Colour	Grey	Visual
Thermal Conductivity	5.2W/mK	ASTM D5470
Thermal Impedance	4.00E-03°C-in ² /W	ASTM D5470 modified, on <2µm surface finish
Specific Gravity	3.25g/cm ³	ASTM D792
Dielectric Constant	5.1	ASTM D150
Operation Temperature	-30°C to +300°C	-
Continuous Operation	-20°C to +130°C	-

Part Number Table

Description	Part Number
Thermal Silicone Grease, Grey, 5.2W/mK, 30g	MPGCS-052-SM8-30g

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