

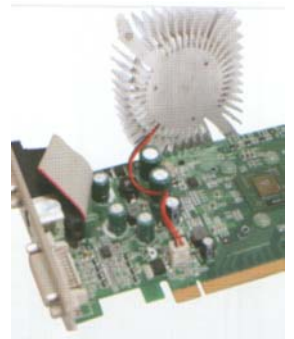


E-Song America, Inc.

100%
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Products

1901 S. Bascom Ave., Prune Yard Tower I, Suite 1225, Campbell, CA 95008
Email: sales@esongamerica.com Tel. (408) 466-5446 Fax (408) 249-5815

HIGH PERFORMANCE THERMAL GREASE



Two grades are available:

1. THEA-P2100 2.1W/mK Conductivity
2. THEA-P4100 4.1W/mK Conductivity

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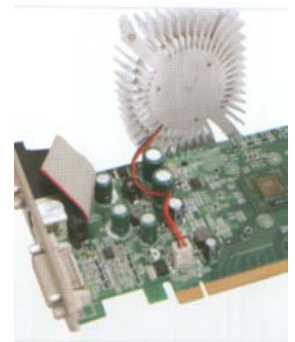


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HIGH PERFORMANCE THERMAL GREASE: THEA-P4100



■ Technical data

THEA-P4100

Appearance	Paste, gray
Viscosity (23°C) Pa-s	300
Specific Gravity @23°C	2.9
Thermal Conductivity (W/mk)	4.1
Thermal Resistance (mm ² k/W(um))	8
Bleed @150°C / 24h (Wt%)	<0.1
Evaporation @150°C / 24h (Wt%)	0.3
Volume Resistivity (TΩ-cm)	0.05
Dielectric Strength (kV/0.25mm)	4.1
Service Temperature (°C)	-50 to +170

THEA-P4100 is highly conductive silicone grease.

Excellent dielectric properties

Highly workable

Virtually no oil separation

Minimal weight loss at elevated temperatures

Minimal ionic impurities

Long service life, well over 10 years

Ideal for heatsink/CPU application filling air gap

Before applying the thermal grease, make sure all surfaces are clean and free of foreign particles.

Apply approx. 0.02 cc per half inch by half inch area, at the center of CPU top surface.

Mount a heatsink using screw fastener or clip or other standard method.

The thermal grease will spread out to form a thin layer, filling air gap between CPU and the heatsink.

Ask for a sample syringe (approx. 0.5 cc) for testing and evaluation.

Send an email to sales@esongamerica.com.

For other products, please visit us at www.esongamerica.com.

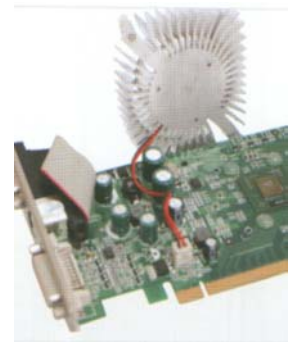


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HIGH PERFORMANCE THERMAL GREASE: THEA-P2100



■ Technical data

THEA-P2100

Appearance	Paste, white
Viscosity (23°C) Pa-s	250
Specific Gravity @23°C	2.9
Thermal Conductivity (W/mk)	2.1
Thermal Resistance (mm ² k/W(um))	20
Bleed @150°C / 24h (Wt%)	<0.1
Evaporation @150°C / 24h (Wt%)	0.3
Volume Resistivity (TΩ-cm)	0.05
Dielectric Strength (kV/0.25mm)	4.1
Service Temperature (°C)	-50 to +170

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