

SILICONE-FREE THERMAL GREASE TGR-J-NS HALA

highly thermally conductive

TGR-J-NS is high performing silicone-free thermal grease based on an ester oil matrix. It is ideal for use in applications where a very good and highly reliable thermal transfer must be achieved. Due to the specific formulation and filling with ceramic particles the material has a high thermal conductivity. By its use the thermal contact is maximised, hence the total thermal resistance is minimised.



Release 03 / 2020

PROPERTIES

- Thermal conductivity: 2.0 W/mK
- Silicone-free
- Dispensable
- Almost zero pressure at assembly
- Dielectric strength
- Operating temperature range: -40 to 150°C

AVAILABILITY

- Syringes 70 ml
- Jars 1 kg

APPLICATION EXAMPLES

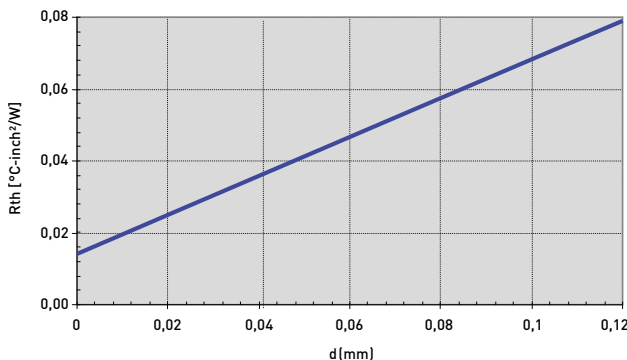
Thermal link of:

- LED Boards
 - Power modules
 - RDRAMs memory modules
 - Flip Chips, DSPs , BGAs, PPGAs
- For use in Automotive applications / Power electronics / Light technology / Industrial PCs

Technical Data Sheet

PROPERTY	UNIT	TGR-J-NS
MATERIAL		
Colour		Ceramic filled thermal grease
Density	g /cm ³	White
Viscosity @ 25°C (Brookfield @ 10 rpm, 25 °C)	Pas	3.1
RoHS Conformity	2015 / 863 / EU	170
THERMAL		
Thermal Conductivity	W/mK	Yes
Operating Temperature Range	°C	2.0
Storage Temperature	°C	- 40 to + 150
Shelf Life (from Date of Manufacturing, unopened)	Months @ RT	< 35
ELECTRIC		
Dielectric Strength	kV / mm	12
		5.0

All data without warranty and subject to change. Please contact us for further data and information.



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