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HS Thermal Pads

Silicone Thermal Interface Material for HS and 89 series

RoHS Compliant

Thermal silicone provides engineers an ideal material to improve thermal transfer, and lower operating temperatures between components and heat sinks. These thermal pads deliver considerable benefits over traditionally used materials such as thermal greases. The use of thermal pads simplifies the design and engineering process, while reducing inventory and production costs. The HS series of thermal pads was designed specifically for the ARCOL HS series and Ohmite 89 series resistors.



FEATURES

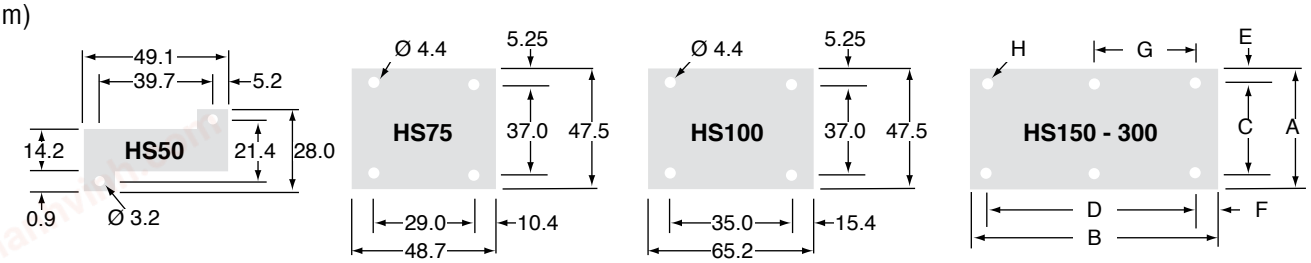
- Excellent Relative Thermal Index (RTI)
- Electrically insulating
- High conformability
- Low durometer
- Naturally tacky
- UL, RoHS, and REACH Compliant
- Compatible with ARCOL HS and Ohmite 89 Series

CHARACTERISTICS

Composition	Silicone & Ceramic-filled
Color	Light blue
Thickness	0.5mm
Hardness	25 Shore C
Cont. Use Temperature	-40 to 150°C
Breakdown Voltage	>5 Kv/mm
Flame Rating	V-0
Thermal Conductivity	3.0 W/m.k

DIMENSIONS

(mm)



	A	B	C	D	E	F	G	H
HS150	47.5	97.7	37.0	58.0	5.25	20.4	29.0	4.4
HS200	72.5	89.7	57.2	70.0	7.65	10.4	35.0	5.1
HS250	72.5	109.7	57.2	89.0	7.65	10.4	44.5	5.1
HS300	72.5	127.7	59.0	104.0	6.75	12.4	52.0	6.6

ORDERING INFORMATION

H S 5 0 - T P 2

- H S 5 0 — Product Type
- T P — Thermal Pad
- 2 — Material Type

Standard Part Numbers

Pad Part Number	Compatibility Ohmite Series	Compatibility ARCOL Series
HS50-TP2	850	HS 50
HS75-TP2		HS 75
HS100-TP2		HS 100
HS150-TP2		HS 150
HS200-TP2		HS 200
HS250-TP2		HS 250
HS300-TP2		HS 300