

TM Series

Combination Thermal Interface with EMI Absorbing



Description

- Thermal conductive & EMI absorbing
- Thermal conductivity = 1.5 ~ 2.0 W/mK
- Moderate EMI absorbing property
- Power loss = 0.1~0.4 (@ 1 GHz/1 mm(T))
- Non or controlled siloxane content

DISCLAIMER: Purchaser shall be solely responsible for determining the adequacy of the product for any and all uses which the purchaser shall apply the product, and the application of the product by the purchaser shall not be subject to any implied warranty of fitness for that purpose

Properties	symbol	unit	TM-S1500	TM-H2000
Color			Black	Black
Thermal Conductivity	λ	W/mK	1.5	2.4
Dielectric Breakdown Voltage		kV	>0.25	>0.255
Volume Resistivity		Ωcm	$> 10^{12}$	$> 10^{11}$
Base Polymer			Silicone	Acryl
Thickness		mm	0.5, 1.0, 1.5, 2.0	0.2, 0.3, 0.5, 1.0, 2.0
Standard Size		mm x mm	210×297	210×297
Hardness		Asker C	25	-
		Shore A	55	92
Tensile Strength		mPa	>2.5	>3.0
Applicable Frequency			100 MHz ~ 6 GHz	100 MHz ~ 6 GHz
Application Temperature		°C	-60 to +200	-40 to +130
Flame class		UL94	V0 [File No.: E258204]	

Power Loss (by MSL-Method; IEC 62333-2)

