



TM Series

Combination Thermal Interface with EMI Absorbing



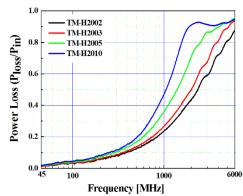
Description

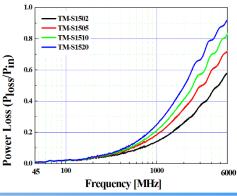
- Thermal conductive & EMI absorbing
- Thermal conductivity = 1.5 ~ 2.0 W/mK
- Moderate EMI absorbing property
- Power loss = 0.1~0.4 (@ 1 GHz/1 mm(T))
- Non or controlled siloxane content

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-\$1500	TM-H2000
Color		Black	Black
Thermal Conductivity λ	W/mK	1.5	2.4
Dielectric Breakdown Voltage	kV	>0.25	>0.255
Volume Resistivity	Ω cm	> 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)





MH&W International Corp. 575 Corporate Drive THERMAL PRODUCTS DIVISION Mahwah, NJ 07430-2330

Tel: (201) 891-8800 Fax: (201) 891-0625

THERMAL PRODUCTS DIVISION

Email: thermal@mhw-intl.com Internet: http://www.mhw-thermal.com 09/13