

THERMAL TAPE - DTTS120

Features

- Thermal conductivity: 1.2 W/mK
- Low Thermal Resistance at Low Pressure
- Good adhesion and great reliability
- Easy for assembly and cost effective with great performance
- High conformability
- Cost effective solution
- Custom die-cut parts: custom configurations available



Applications

- Between high power component (such as MOSFET) and a heat-sink for screw and clip mounted application
- DC/AC Inverter, Power Supply
- Photovoltaic Power System



TECNITE DTTS120

Properties	Unit	DTTS120	Test Method
Color		White	Visual
Thickness	mm	0.15 - 0.50	--
Adhesive type		Acrylic Polymer	
Carrier		Fiberglass	ASTM D374
Hardness	Shore A	40	ASTM D2240
Density	g/cc	1.3	ASTM D792
Tensile Strength	lbs/in	180	ASTM D412
Continuous Use Temperature	°C	-40 to 150 (Short term) -40 to 90 (Long term)	EN344
RoHS & REACH		Compliance	IEC 62321 & EN14372
ELECTRICAL			
Breakdown Voltage	KVac	≥ 3.0	ASTM D149
Dielectric Constant	1 MHz	5.0	ASTM D150
Volume Impedance	ohm-cm	1x10 ¹³	ASTM D257
Flame Rating		VO	UL 94
THERMAL			
Thermal Conductivity	W/m.k	1.2	ASTM D5470
Sheet sizes		200 x 400 mm, 300 mm x 25 m, individual die-cut parts available	

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