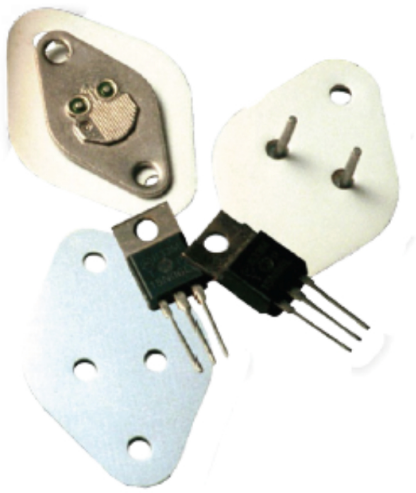
A15397-03
Tgard 500,A0 12x18in

Part



Datasheets

Tgard 500 Datasheet
Last updated04/22/21

Technical Specification

Typical Properties	**Color**	Brown
	Operating Temperature Max (Celsius)	180
	Operating Temperature Min (Celsius)	-60
	Reinforcement Carrier	Fiberglass
	Shelf Life	2 years from Date of Shipment with Adhesive: 1 year from date of shipment
Thermal Properties	**Thermal Resistance @ 10 psi(C - in2 / W)**	0.81
	Thermal Resistance @ 30 psi(C - in2 / W)	0.70
	Thermal Resistance @ 50 psi(C - in2 / W)	0.48
Electrical Properties	**Dielectric Breakdown Voltage (VAC)**	>6000
	Dielectric Breakdown Voltage (Volts AC)	6000.0
	Dielectric Constant	3.30
	Volume Resistivity	1.00 x10^12 Ohm-cm
Mechanical Properties	**Hardness (Shore 00)**	80
	Tensile Strength (kpa)	11.0
Dimensions	**Length (Inches)**	18.000
	Length (mm)	457.00
	Thickness (mm)	0.23
	Thickness(inches)	0.009
	Width(inches)	12.000
	Width(mm)	305.00

Compliance	**Lead Free**	Yes
	ROHS Compliant	Yes
	Static Sensitive	No
	UL Flammability Rating	V-0
Packaging	**Packaging**	Bulk

Documentation

Laird Thermal Materials ROHS Certificate of Compliance
Last updated04/22/21

Laird Thermal Materials REACH Certificate of Compliance
Last updated04/22/21

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