



T-flex 300TG

Datasheet

Color	Green				
Construction/Composition	Silicone polymer with ceramic fillers on carrier layer				
Operating Temperature Range	-40°C to 160°C				
Thickness range	20 – 200 mils				
Surface adhesion	1 side				
Thermal Conductivity	1.2 W/mK				
Specific Gravity	1.79				
Hardness	20 Shore 00				
Flame Rating	UL 94 V0				
Thickness (mils)/ (mm)	40 /1.02	80 / 2.04	100 /2.54	120 /3.05	190 /4.83
Thermal Resistance (°Cin ² /W @ 10 psi)					
	1.59	2.57	2.89	3.23	4.37
Breakdown Voltage (VAC)					
	>10,000	>10,000	>10,000	>10,000	>10,000
Percent Deflection (%)					
10 psi	5.9	6.7	10.0	12.0	17.0
20 psi	8.0	9.8	13.7	16.5	23.5
40 psi	10.6	14.3	44.5	43.3	51.1
60 psi	18.1	47.0	53.4	55.9	61.2
80 psi	45.6	53.6	62.0	63.0	68.6
100 psi	50.3	59.9	64.3	67.9	74.3

4707 Detroit Avenue, Cleveland, Ohio 44102, 1-888-246-9050, www.lairdtech.com

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