

Product Data Sheet



t-Global Part No.	LP0003/01-Li2000A-0.2					
Digi-Key Part No.	1168-1764-ND					
Description	Thermal tape					
Manufacturer	t-Global Technology					
Part Number scheme	[LP][PCB type]/[##]-[XXX]-[T]-[#A]-[P]					
	[LP][PCB type]/	##	XXX	T	#A	P
	Die-Cut for PCB type: LP0003	Variant: 01	T-Global thermal interface pad material: Li2000A	Thickness 0.2mm	Adhesive 1A – one side 2A –two sides	Pull tab
Typical application	Thermal interface pad for Luxeon LXX8-PWxx-0004 LED board					
Material code	Li2000A	Unit	Thermal pad dimensions (mm)			
Thickness	0.2	mm	<p>The drawing shows a thermal pad with a central circular feature and a pull tab. Dimensions include: 17.57 ±0.10 (top and right), 8.50 (left), 7.50 (left), 19.00 ±0.15 (diagonal), 9.40 (center), 2.10 (right), 6.25 (right), 5.72 (bottom), and 2.39 (bottom). A reference view shows the irregular shape of the pad.</p>			
Reinforcement carrier	-	-				
Features	Good adhesion High thermal conductivity High bond strength Long-term temperature stability Good insulation					
Holding power 1Kg @ 25 °C Using 1 in ²	> 40000	min				
Thermal conductivity	2	W/m.K				
Thermal impedance @ < 1psi	0.7	°C/W				
Lap shear strength	35	N/cm ²				
Die shear strength @ 25 °C	60	N/cm ²				
Operating temperature range	-45 to 170	°C				
Dielectric breakdown voltage(Vac)	> 3.5	kV				
Flame rating	V-0	UL94				
Colour	White		<p>REFERENCE VIEW</p>			
Recommendations:						

Revision of these specifications is carried out after consent. We reserve the right to make changes without notification.