


# Product Data Sheet



<b>t-Global Part No.</b>	<b>LP0003/01-Li98-0.15</b>					
<b>Digi-Key Part No.</b>	<b>1168-1763-ND</b>					
Description	Thermal tape					
Manufacturer	t-Global Technology					
Part Number scheme	[LP][PCB type]/[##]-[XXX]-[T]-[#A]-[P]					
	<b>[LP][ PCB type]/</b>	<b>##</b>	<b>XXX</b>	<b>T</b>	<b>#A</b>	<b>P</b>
	Die-Cut for PCB type: <b>LP0003</b>	Variant: 01	T-Global thermal interface pad material: <b>Li98</b>	Thickness <b>0.15mm</b>	Adhesive 1A – one side 2A –two sides	Pull tab
Typical application	Thermal interface pad for Luxeon LXX8-PWxx-0004 LED board					
Material code	<b>Li98</b>	Unit	Thermal pad dimensions (mm)			
Thickness	0.15	mm				
Reinforcement carrier	Fibreglass mesh	-				
Features	Good thermal conductivity Good adhesion Easy to assemble					
Thermal conductivity	0.95	W/m.K				
Thermal impedance @ < 1psi	1.0	°C/W				
180° peeling strength (aluminium)	4	N/cm				
Lap shear strength	61	N/cm <sup>2</sup>				
Die shear strength @ 25 °C	120	N/cm <sup>2</sup>				
Operating temperature range	-30 to 120	°C				
Holding power 1 Kg @ 25 °C using 1 in <sup>2</sup>	> 10,000	min				
Tensile strength	200	Psi				
Dielectric breakdown voltage (Vdc)	> 3	kV				
Colour	White					
						
Recommendations:						

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