

# Product Data Sheet



<b>t-Global Part No.</b>	<b>LP0001/01-PC99-0.12</b>									
<b>Digi-Key Part No.</b>	<b>1168-1850-ND</b>									
Description	Thermal interface phase change material									
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>LP0001</b>	Variant: 01	T-Global thermal interface pad material: <b>PC99</b>	Thickness <b>0.12mm</b>	Adhesive 1A – one side 2A –two sides	Pull tab				
Typical application	Thermal interface pad for LED Star board									
Material code	<b>PC99</b>	Unit	Thermal pad dimensions (mm)							
Thickness	0.12	mm								
Surface characteristic	Tacky									
Features	Low thermal resistance Natural tack									
Phase change softening point	52	°C								
Thermal conductivity	1.5	W/m.K								
Operating temperature range	-30 to 125	°C								
Specific gravity	2.35	g/cm <sup>3</sup>								
Surface resistance	> 10 <sup>12</sup>	Ohm - cm								
Thermal resistance 30 psi	0.1	°C /W								
Tensile strength	0.1	Kgf/cm <sup>2</sup>								
UL Flammability	V-0 (method UL 94)									
Elongation	5	%								
Colour	Yellow									
Recommendations:										

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