

# Product Data Sheet



<b>t-Global Part No.</b>	<b>LP0005/01-PC99-0.06</b>					
<b>Digi-Key Part No.</b>	<b>1168-1771-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>LP0005</b>	Variant: 01	T-Global thermal interface pad material: <b>PC99</b>	Thickness <b>0.06mm</b>	Adhesive 1A – one side 2A –two sides	Pull tab
Typical application	Thermal interface pad for Luxeon L XK8-PWxx-0016 & 0012 LED board					
Material code	<b>PC99</b>	Unit	Thermal pad dimensions (mm)			
Thickness	0.06	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.