

Product Data Sheet



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|------------------------------|--|-------------|--|------------------------|--|----------|--|--|--|--|
| t-Global Part No. | LP0001/01-PC99AL-0.1 | | | | | | | | | |
| Digi-Key Part No. | 1168-1851-ND | | | | | | | | | |
| Description | Thermal interface phase change material | | | | | | | | | |
| 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: LP0001 | Variant: 01 | T-Global thermal interface pad material: PC99AL | Thickness 0.1mm | Adhesive 1A – one side 2A –two sides | Pull tab | | | | |
| Typical application | Thermal interface pad for LED Star board | | | | | | | | | |
| Material code | PC99AL | Unit | Thermal pad dimensions (mm) | | | | | | | |
| Thickness | 0.1 | mm | | | | | | | | |
| Backing layer | Aluminium | | | | | | | | | |
| Features | Reusable Low thermal resistance | | | | | | | | | |
| Phase change softening point | 51 | °C | | | | | | | | |
| Thermal conductivity | 1.5 | W/m.K | | | | | | | | |
| Operating temperature range | -30 to 125 | °C | | | | | | | | |
| Dielectric strength | No insulation | | | | | | | | | |
| Thermal resistance @1mil BLT | 0.23 | °C /W | | | | | | | | |
| Total mass loss | < 0.4 | % | | | | | | | | |
| UL Flammability | V-0 (method UL 94) | | | | | | | | | |
| Colour | Yellow | | | | | | | | | |
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| Recommendations: | | | | | | | | | | |

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