

TP(HP-PCM) SEMITRANS 3



SEMITRANS® 3

Pre-applied High Performance Phase Change Material (HP-PCM)

Honeywell PTM-SMK (silicone free)

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Features*

- Inhomogeneous honeycomb structure
- Optimized layer thickness
- Enhanced heat dissipation
- High process reliability due to automated screen/stencil printing process
- Phase Change Material

Remarks

- In general storage under 1K21 conditions with extended temperature range

Characteristics					
Symbol	Conditions	min.	typ.	max.	Unit
Storage conditions					
t_{stg}	storage time			24	month
T_{stg}	storage temperature	5		60	°C
RH_{stg}	storage humidity	5		85	%
TIM material characteristic					
γ_{tp}	specific gravity		2.5		g/cm ³
R_{tp}	resistivity		$2.1 \cdot 10^{14}$		Ω/cm
λ_{tp}	thermal conductivity		8.5		W/(mK)

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inhomog. honeycomb structure