



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

Honeywell PTM-SMK (silicone free)

## TP(HP-PCM) SEMiX 3p

### Target Data

#### 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					
$\gamma_{tp}$	specific gravity		2.5		g/cm <sup>3</sup>
$R_{tp}$	resistivity		$2.1 \cdot 10^{14}$		$\Omega/\text{cm}$
$\lambda_{tp}$	thermal conductivity		8.5		W/(mK)

#### \*IMPORTANT INFORMATION AND WARNINGS

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