



SEMIX® 3p

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/cm³	
R_{tp}	resistivity				2.1×10^{14}	Ω/cm	
λ_{tp}	thermal conductivity				8.5	W/(mK)	

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

*IMPORTANT INFORMATION AND WARNINGS

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inhomog. honeycomb structure