

# TP(HALA P8) SEMITRANS 3



Pre applied phase change material HALA TPC-Z-PC-P8 (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



inhomog. honeycomb structure

Characteristics					
Symbol	Conditions	min.	typ.	max.	Unit
<b>Characteristics of printing process</b>					
$W_{tp}$	material weight	240	280	320	mg
<b>Storage conditions</b>					
$t_{stg}$	storage time			12	month
$T_{stg}$	storage temperature	5		40	°C
$RH_{stg}$	storage humidity	10		85	%
<b>TIM material characteristic</b>					
$\gamma_{tp}$	specific gravity		2		g/cm <sup>3</sup>
$R_{tp}$	resistivity		$>50 \cdot 10^6$		$\Omega/cm$
$\lambda_{tp}$	thermal conductivity		3.4		W/(K*m)

Absolute Maximum Ratings			
Symbol	Conditions	Values	Unit
<b>Continuous operation conditions</b>			
$T_{C op}$		105	°C

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