

# TP(HALA HT) SEMITRANS 2



Pre applied phase change material HALA  
TPC-V-PC-P-HT (silicone free)

## TP(HALA HT) SEMITRANS 2

### 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 1K3 conditions with extended temperature range

Characteristics					
Symbol	Conditions	min.	typ.	max.	Unit
<b>Characteristics of printing process</b>					
$W_{tp}$	material weight	155	175	195	mg
<b>Storage conditions</b>					
$t_{stg}$	storage time			12	month
$T_{stg}$	storage temperature	-25		60	°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		W/(K*m)

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inhomog. honeycomb structure