

# T540C106K025AH6510

T540 HRA, Tantalum, Polymer Tantalum, HRA, 10 uF, 10%, 25 VDC, SMD, Polymer, Molded, High Reliability, N/A, 150 mOhms, 2.8 mm, 2312 / 6032



Click [here](#) for the 3D model.

## General Information

Series	T540 HRA
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, High Reliability
Features	Non-Combustible, Low ESR, High Reliability
RoHS	No
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
SCIP Number	b064b03e-bd75-42af-b342-1fe94dec2340
Termination	Tin Lead (SnPb)
Typical Component Weight	193.46 mg
Shelf Life	52 Weeks
MSL	3

## Dimensions

L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	3.1mm MIN
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

## Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

## Specifications

Capacitance	10 uF
Tolerance	10%
Voltage DC	25 VDC (105C), 16.75 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Life	2000 Hrs (125C)
Humidity	60C, 90% RH, 500 Hours, rated voltage
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	150 mOhms (100kHz 25C)
Ripple Current	1049 mA (rms, 100kHz 45C)
Leakage Current	25 uA (5min 25°C)
Testing and Reliability	4 Cycles At +25C +/-5C Before Voltage Aging

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