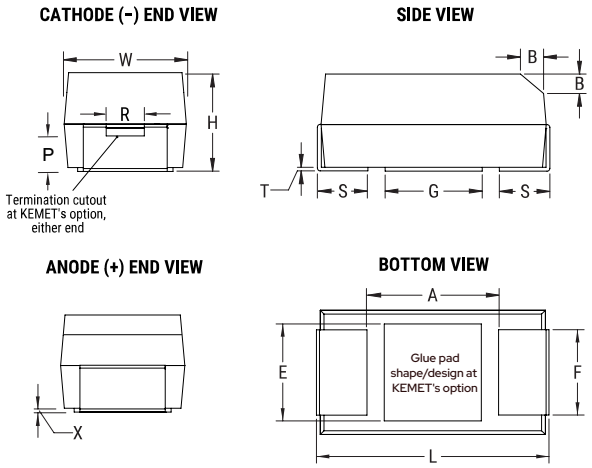
T540B686K006CT65107640

T540 HRA, Tantalum, Polymer Tantalum, HRA, 68 uF, 10%, 6.3 VDC, SMD, Polymer, Molded, High Reliability, C (0.01%/1000 Hrs), 80 mOhms, 2.1 mm, 1411 / 3528



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	Yes
Termination	Tin
Typical Component Weight	98.3 mg
Shelf Life	52 Weeks
MSL	3

Dimensions	
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
B	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
P	0.5mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

Packaging Specifications	
Packaging	Bulk Plastic Box

Specifications	
Capacitance	68 uF
Tolerance	10%
Voltage DC	6.3 VDC (105C), 4.22 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	8% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	80 mOhms (100kHz 25C)
Ripple Current	1260 mA (rms, 100kHz 45C)
Leakage Current	43 uA (5min 25°C)
Testing and Reliability	4 Cycles At +25C +/-5C Before Voltage Aging

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