



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

### Dimensions

D	7.34mm +0.41/-0.38mm
L	17.42mm +/-0.79mm
L2	20.88mm MAX
LL	38.1mm +/-6.35mm
F	0.64mm +/-0.05mm

### Packaging Specifications

Packaging	T&R
Packaging Quantity	500

### General Information

Series	T550
Dielectric	Polymer Tantalum
Style	Axial Hermetic
RoHS	No
Prop 65	<b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a>
SCIP Number	25028bfc-e2dd-4865-8096-81457a62194a
Termination	Lead (SnPb)
Lead	Wire Leads
AEC-Q200	No
Construction	Hermetic
Component Weight	3.63 g
Notes	Dimensions Include Insulating Sleeve. When supplied on T&R or AMMO, lead length is determined by taping specification.
Shelf Life	156 Weeks

### Specifications

Capacitance	100 uF
Capacitance Tolerance	20%
Voltage DC	50 VDC (85C), 39 VDC (105C), 57.5 VDC (85C Surge)
Temperature Range	-55/+105°C
Life	2000 Hrs
Dissipation Factor	5% (120Hz 25C)
Failure Rate	DLA 13030 Standard reliability
Resistance	130 mOhm (100kHz 25C)
Ripple Current	1450 mAmps (40kHz 85C)
Leakage Current	37.5 uA (5min 25°C)
Testing and Reliability	25C +/-5C, 10 Cycles, After Constant Voltage Conditioning (KEMET Standard)

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