



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

**General Information**

Series	T550
Dielectric	Polymer Tantalum
Style	Axial Hermetic
RoHS	No
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
Termination	Lead (SnPb)
Lead	Wire Leads
Construction	Hermetic
Typical Component Weight	3.63 g
Miscellaneous	Sleeved.
Notes	Dimensions Include Insulating Sleeve. When Supplied On T&R Or Ammo, Lead Length Is Determined By Taping Specification.
Shelf Life	156 Weeks

**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	Tray
Packaging Quantity	20

**Specifications**

Capacitance	680 uF
Tolerance	10%
Voltage DC	8 VDC (85C), 6.24 VDC (105C), 9.2 VDC (85C Surge)
Temperature Range	-55/+105°C
Life	2000 Hrs
Dissipation Factor	5% (120Hz 25C)
Failure Rate	N/A
ESR	90 mOhm (100kHz 25C)
Ripple Current	1750 mAmps (40kHz 85C)
Leakage Current	40.8 uA (5min 25°C)
Testing and Reliability	10 cycles, -55C and +85C after voltage aging

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