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General Information

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

Specifications

Capacitance	100 uF
Tolerance	10%
Voltage DC	60 VDC (85C), 46.8 VDC (105C), 69 VDC (85C Surge)
Temperature Range	-55/+105°C
Life	2000 Hrs
Dissipation Factor	6% (120Hz 25C)
Failure Rate	DLA 13030 High reliability
ESR	200 mOhm (100kHz 25C)
Ripple Current	1170 mAmps (40kHz 85C)
Leakage Current	45 uA (5min 25°C)
Testing and Reliability	25C +/-5C, 10 cycles, after constant voltage conditioning (KEMET standard)

Dimensions

D	7.09mm +0.41/-0.38mm
L	16.51mm +/-0.79mm
L2	20.88mm MAX
LL	38.1mm +/-6.35mm
F	0.64mm +/-0.05mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	20

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