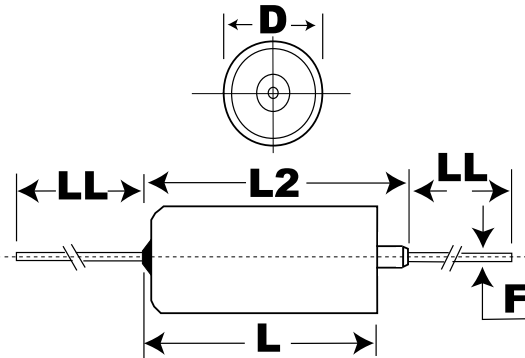


T550, Tantalum, Polymer Tantalum, HRA, 47 uF, 20%, 50 VDC, 150 mOhms



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	
Weight:	3.63 g
Packaging:	Tray
Packaging Quantity:	20

General Information	
Series:	T550
Dielectric:	Polymer Tantalum
Style:	Axial Hermetic
RoHS:	No
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov .
REACH:	SVHC (Pb – CAS 7439-92-1)
Termination:	Lead (SnPb)
Lead:	Wire Leads
AEC-Q200:	No
Construction:	Hermetic
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

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	50 VDC (85C), 39 VDC (105C), 57.5 VDC (85C Surge)
Temperature Range:	-55/+105°C
Dissipation Factor:	5% (120Hz 25C)
Failure Rate:	N/A
Resistance:	150 mOhm (100kHz 25C)
Ripple Current:	1350 mAmps (40kHz 85C)
Leakage Current:	17.6 uA (5min 25°C)
Testing and Reliability:	25C +/-5C, 10 Cycles, After Constant Voltage Conditioning (KEMET Standard)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.