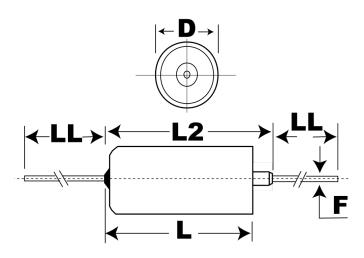


a YAGEO company

## T550B506K025AH

T550, Tantalum, Polymer Tantalum, HRA, 50 uF, 10%, 25 VDC, 170 mOhms



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	
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 -	
P10p 65	http://www.p65warnings.ca.gov.	
REACH	SVHC (Pb - CAS 7439-92-1)	
SCIP Number	25028bfc-e2dd-4865-8096-81457a62194a	
Termination	Lead (SnPb)	
Lead	Wire Leads	
AEC-Q200	No	
Construction	Hermetic	
Miscellaneous	Sleeved.	
	Dimensions Include Insulating Sleeve. When supplied	
Notes	on T&R or AMMO, lead length is determined by	
	taping specification.	
Shelf Life	156 Weeks	

Specifications		
Capacitance	50 uF	
Capacitance	10%	
Tolerance	1070	
Voltage DC	25 VDC (85C), 19.5 VDC (105C), 28.75 VDC	
voltage DC	(85C Surge)	
Temperature	-55/+105°C	
Range	-55/+105 C	
Dissipation Factor	5% (120Hz 25C)	
Failure Rate	N/A	
Resistance	170 mOhm (100kHz 25C)	
Ripple Current	1275 mAmps (40kHz 85C)	
Leakage Current	9.4 uA (5min 25°C)	
Testing and	25C +/-5C, 10 Cycles, After Constant Voltage	
Reliability	Conditioning (KEMET Standard)	

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