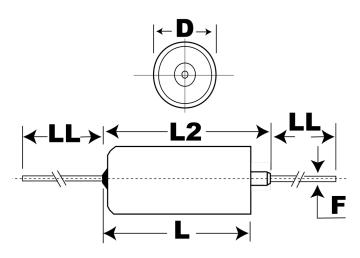


a YAGEO company

T551B476K050AH4251

T551, Tantalum, Polymer Tantalum, HRA, 47 uF, 10%, 50 VDC, 150 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	
Packaging	Tray
Packaging Quantity	20

General Information		
Series	T551	
Dielectric	Polymer Tantalum	
Style	Axial Hermetic	
RoHS	No	
Prop 65	▲ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.	
SCIP Number	25028bfc-e2dd-4865-8096-81457a62194a	
Termination	Lead (SnPb)	
Lead	Wire Leads	
AEC-Q200	No	
Construction	Hermetic	
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	

Specifications	
Capacitance	47 uF
Capacitance Tolerance	10%
Voltage DC	50 VDC (85C), 33 VDC (125C), 57.5 VDC (85C Surge)
Temperature Range	-55/+125°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	10 cycles, -55C and +85C after voltage aging

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.