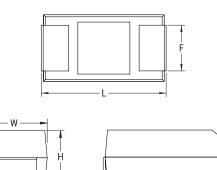


CATHODE (-) END VIEW

T555B476K050AT

T555, Tantalum, Polymer Tantalum, HRA, 47 uF, 10%, 50 VDC, N/A, 150 mOhms, 9.6 mm, 3 mm

## **BOTTOM VIEW**



► S -

Click here for the 3D model.

**General Information** T555 Series Dielectric Polymer Tantalum Style SMD Chip RoHS No SCIP Number 43449f08-bd3e-4b72-a04c-6c a7dd4144ff Termination Tin AEC-Q200 No Typical Component Weight 5.54 g Shelf Life 156 Weeks

Dimensions		Spec
L	24.5mm +/-0.5mm	Capa
W	8.5mm +/-0.5mm	Toler
н	9.1mm +/-0.5mm	Volta
S	3mm +/-0.3mm	
F	4.2mm +/-0.5mm	Temp
		Rate
		Life

**-** S

SIDE VIEW

Packaging Specifications	
Bulk, Box	
100	

Specifications	
Capacitance	47 uF
Tolerance	10%
Voltage DC	50 VDC, 39 VDC (105°C), 57.5 VDC (85°C)
Temperature Range	-55/+105°C
Rated Temperature	85°C
Life	2000 Hrs
Dissipation Factor	5% (120Hz 25C)
Failure Rate	N/A
ESR	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.