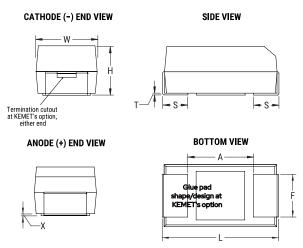


T545W476M016ATE045

T545, Tantalum, Polymer Tantalum, Commercial Grade, 47 uF, 20%, 16 VDC, SMD, Polymer, Molded, Low Profile, HiEnergyDensity, 45 mOhms, 7343, 1.5 mm, 1.3 mm



Click	here	for	the	3D	model.
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Dimensions				
L	7.3mm +/-0.3mm			
W	4.3mm +/-0.3mm			
Н	1.4mm +/-0.1mm			
Т	0.13mm REF			
S	1.3mm +/-0.3mm			
F	2.4mm +/-0.1mm			
Α	3.8mm MIN			
X	0.05mm REF			
Packaging Specifications				
Packaging	T&R, 178mm			
Packaging Quantity	1000			

General Information	
Series	T545
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Low Profile, HiEnergyDensity
Features	Low ESR
RoHS	Yes
Termination	Tin
AEC-Q200	No
Typical Component Weight	222.94 mg
Shelf Life	52 Weeks
MSI	3

Specifications	
Capacitance	47 uF
Tolerance	20%
Voltage DC	16 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	45 mOhms (100kHz 25C)
Ripple Current	2000 mA (rms, 100kHz 45C), 1400 mA (rms, 85C), 500 mA (rms, 105C)
Leakage Current	75.2 uA (5min 25°C)

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.

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