

T495X686M016ATE150

T495, Tantalum, MnO2 Tantalum, Commercial Grade, 68 uF, 20%, 16 VDC, SMD, MnO2, Molded, Low ESR, 150 mOhms, 7343, 4.3 mm, 1.3 mm

CATHODE (-) END VIEW



SIDE VIEW



Dimensions

L

W

н

т s

F

А

В

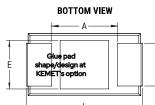
E G

Ρ

R

Х

ANODE (+) END VIEW



7.3mm +/-0.3mm

4.3mm +/-0.3mm 4mm +/-0.3mm

1.3mm +/-0.3mm

2.4mm +/-0.1mm

0.5mm +/-0.15mm

0.1mm +/-0.1mm REF

0.13mm REF

3.6mm MIN

3.5mm REF

3.5mm REF

1.7mm REF

1mm REF

Click here for the 3D model.

General Information	
Series	T495
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low ESR
Features	Low ESR
RoHS	Yes
Termination	Tin
AEC-Q200	No
Typical Component Weight	652.04 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	68 uF
Tolerance	20%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	5% 120Hz 25C
Failure Rate	N/A
ESR	150 mOhms (100kHz 25C)
Ripple Current	1049 mA (rms, 100kHz 25C), 944.1 mA (rms, 85C), 419.6 mA (rms, 125C)
Leakage Current	10.9 uA (5min 25°C)

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

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.