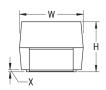


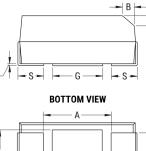
T494D686M016AT

T494, Tantalum, MnO2 Tantalum, 68 uF, 20%, 16 VDC, SMD, MnO2, Molded, Low ESR, 150 mOhms, 7343, Height Max = 3.1mm

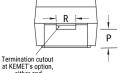
CATHODE (-) END VIEW

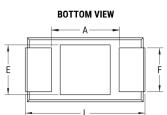


ANODE (+) END VIEW



SIDE VIEW





It	KEMET's option,	
	either end	

Click here for the 3D model.

Dimensions			
Footprint	7343		
L	7.3mm +/-0.3mm		
W	4.3mm +/-0.3mm		
Н	2.8mm +/-0.3mm		
Т	0.13mm REF		
S	1.3mm +/-0.3mm		
F	2.4mm +/-0.1mm		
А	3.6mm MIN		
В	0.5mm +/-0.15mm		
E	3.5mm REF		
G	3.5mm REF		
Р	0.9mm REF		
R	1mm REF		
Х	0.1mm +/-0.1mm		

Т

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

General Information				
Series	T494			
Dielectric	MnO2 Tantalum			
Style	SMD Chip			
Description	SMD, MnO2, Molded, Low ESR			
Features	Low ESR			
RoHS	Yes			
Termination	Tin			
AEC-Q200	No			
Component Weight	446.84 mg			
Shelf Life	156 Weeks			
MSL	1			

Specifications				
Capacitance	68 uF			
Capacitance Tolerance	20%			
Voltage DC	16 VDC (85C), 10.72 VDC (125C)			
Temperature Range	-55/+125°C			
Rated Temperature	85°C			
Dissipation Factor	6% 120Hz 25C			
Failure Rate	N/A			
Resistance	0.15 Ohms (100kHz 25C)			
Ripple Current	1000 mA (rms, 100kHz 25C), 900 mA (rms, 85C), 400 mA (rms, 125C)			
Leakage Current	10.9 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.