

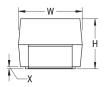
T495C686K016ATA250

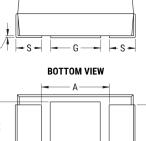
T495 Auto, Tantalum, MnO2 Tantalum, 68 uF, 10%, 16 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 250 mOhms, 6032, Height Max = 2.8mm

CATHODE (-) END VIEW

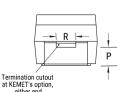


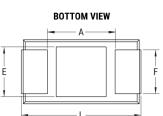
B





ANODE (+) END VIEW





at	KEM	ET'	s o	ptio	n,	
either end						

Click here for the 3D model.

Dimensions	
Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
Н	2.5mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
А	2.9mm MIN
В	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm 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	T495 Auto
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low ESR, Auto, AEC- Q200
Features	Low ESR, Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	224.48 mg

Specifications				
Capacitance	68 uF			
Capacitance Tolerance	10%			
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	250 mOhms (100kHz 25C)			
Ripple Current	663 mA (rms, 100kHz 25C), 596.7 mA (rms, 85C), 265.2 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.