

## T495C685K025ATE500

T495, Tantalum, MnO2 Tantalum, 6.8 uF, 10%, 25 VDC, SMD, MnO2, Molded, Low ESR, 500 mOhms, 6032, Height Max = 2.8mm

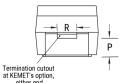
CATHODE (-) END VIEW

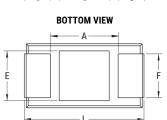


ANODE (+) END VIEW



SIDE VIEW





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	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
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low ESR
Features	Low ESR
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	224.48 mg
Shelf Life	156 Weeks
MSL	1

Specifications				
Capacitance	6.8 uF			
Capacitance Tolerance	10%			
Voltage DC	25 VDC (85C), 16.75 VDC (125C)			
Temperature Range	-55/+125°C			
Rated Temperature	85°C			
<b>Dissipation Factor</b>	6% 120Hz 25C			
Failure Rate	N/A			
Resistance	500 mOhms (100kHz 25C)			
Ripple Current	469 mA (rms, 100kHz 25C), 422.1 mA (rms, 85C), 187.6 mA (rms, 125C)			
Leakage Current	1.7 uA (5min 25°C)			

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