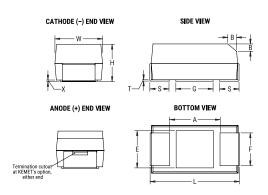
KEMET Part Number: T510E687K006AGE023



T510, Tantalum, MnO2 Tantalum, Multi-Anode, 680 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, Large Case, Multi-Anode, LowESR, 23 mOhms, 7360, Height Max = 3.8mm



Dimensions	
Footprint	7360
L	7.3mm +/-0.3mm
W	6mm +/-0.3mm
Н	3.6mm +/-0.2mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	4.1mm +/-0.1mm
Α	3.8mm MIN
В	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
Х	0.1mm +/-0.1mm

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

General Information		
Series:	T510	
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Description:	SMD, MnO2, Molded, Large Case, Multi-Anode, LowESR	
Features:	Low ESR	
RoHS:	Yes	
Termination:	Gold	
AEC-Q200:	No	
Component Weight:	500.73 mg	
Shelf Life:	156 Weeks	
MSL:	1	

Specifications		
Capacitance:	680 uF	
Capacitance Tolerance:	10%	
Voltage DC:	6.3 VDC (85C), 4.2 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	85°C	
Dissipation Factor:	6% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	23 mOhms (100kHz 25C)	
Ripple Current:	3520 mA (rms, 100kHz 25C), 3168 mA (rms, 85C), 1408 mA (rms, 125C)	
Leakage Current:	42.8 uA (5min 25°C)	

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