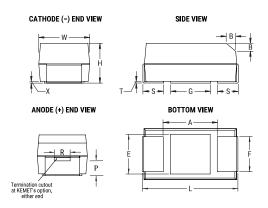
KEMET Part Number: T510E687M006ATE023



T510, Tantalum, MnO2 Tantalum, Multi-Anode, 680 uF, 20%, 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	
A	3.8mm 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	

Packaging Specifications		
Weight:	500.73 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

General Information		
Supplier:	KEMET	
Series:	T510	
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Description:	SMD, MnO2, Molded, Large Case, Multi-Anode, LowESR	
Features:	Low ESR	
RoHS:	Yes	
Termination:	Tin	
Shelf Life:	156 Weeks	
MSL:	1	

Specifications		
Capacitance:	680 uF	
Capacitance Tolerance:	20%	
Voltage DC:	6.3 VDC (85C)	
Temperature Range:	-55/+125C	
Rated Temperature:	85C	
Dissipation Factor:	6.00% 120Hz 20C	
Failure Rate:	N/A	
Resistance:	23 mOhms (100kHz)	
Ripple Current:	3520 mAmps (100kHz 25C), 3168 mAmps (85C), 1408 mAmps (125C)	
Leakage Current:	42.8 uA (5min 20C)	

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