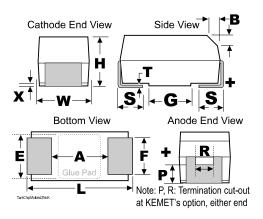
## KEMET Part Number: T513E687K006AH6110



Tantalum, MnO2 Tantalum, COTS Multi-Anode, T513\_COTS, 680 uF, 10%, 6.3 V, 7360, SMD, MnO2, Molded, Military Equivalent, MAT COTS, A (Non-ER), 23 mOhms, 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	
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		
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Series:	T513_COTS	
Description:	SMD, MnO2, Molded, Military Equivalent, MAT COTS	
Features:	Multiple Anode, MAT COTS, Low ESR	
RoHS:	No	
Termination:	Solder Coated	
Notes:	In Polarity Stripe, At KEMET'S Option, Type May Be Indicated: No Symbol = Standard MnO2 Tantalum Chip, O = Low ESR T494, R = Low ESR T495, F = Fused T496, HT = 150C Rated T498 (or B45196P, B45198P), H = 175C Rated T499, M = Multiple Anode Construction T51	

Specifications		
Capacitance:	680 uF	
Capacitance Tolerance:	10%	
Voltage DC:	6.3 VDC (85C), 4.22 VDC (125C)	
Temperature Range:	-55/+125C	
Dissipation Factor:	6%	
Failure Rate:	A (Non-ER)	
Resistance:	23 mOhms (100kHz 20C)	
Leakage Current:	42.8 uAmps (20C)	
Testing and Reliability:	Standard Testing Only	

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.

