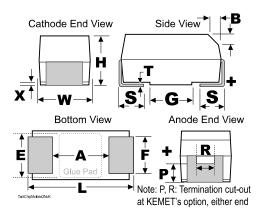
## KEMET Part Number: T510E687M006ATE012

(T510E687M006ASE012, T510E687M6R3ATE012)



Tantalum, MnO2 Tantalum, Multi-Anode, KEMET, T510, 680 uF, 20%, 6.3 V, 7360, SMD, MnO2, Molded, Large Case, Multi-Anode, LowESR, 12 mOhms, 3.8mm



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

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

Specifications	
Capacitance:	680 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (85C), 4 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	6%
Failure Rate:	N/A
Resistance:	12 mOhms (100kHz)
Current:	4873 mAmps (25C), 4385.7 mAmps (85C), 1949.2 mAmps (125C)
Leakage:	42.8 uAmps

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

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.

