

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
H	3.6mm +/-0.2mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	4.1mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	0.9mm REF
R	1mm REF
X	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

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