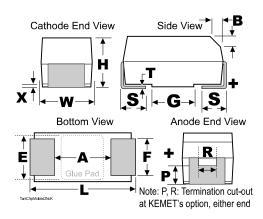
KEMET Part Number: T500X107K016AG6110



Tantalum, MnO2 Tantalum, High Temperature, T500, 100 uF, 10%, 16 V, 7343, SMD, MnO2, Molded, High Temperature, 200C, N/A, 250 mOhms, Height Max = 4.3mm



Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	4mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
Α	3.8mm MIN
В	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
Р	1.7mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

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

General Information		
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Series:	T500	
Description:	SMD, MnO2, Molded, High Temperature, 200C	
Features:	200C	
RoHS:	Yes	
Termination:	Gold	
Construction:	Molded	
Notes:	In polarity stripe, at KEMET's option, type may be indicated: no symbol = Standard (or low leakage) MnO2 tantalum chip, O = LowESR T494, R = Low ESR T495, F = Fused T496, HT = 150C rated T498 (or B45196P, B45198P), H = 175C rated T499, H2 = 200C rated T50	

Specifications		
Capacitance:	100 uF	
Capacitance Tolerance:	10%	
Voltage DC:	16 VDC (85C), 8 VDC (150C), 5.3 VDC (200C)	
Temperature Range:	-55/+200C	
Dissipation Factor:	8% 120Hz 20C	
Failure Rate:	N/A	
Resistance:	250 mOhms (100kHz)	
Current:	812 mAmps (100kHz 25C), 325 mAmps (100kHz 125C), 81 mAmps (100kHz 200C)	
Leakage Current:	16 uAmps (5min 20C)	

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.

