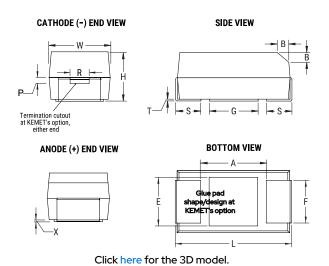


## T500X107K016BG6110

T500, Tantalum, MnO2 Tantalum, High Temperature, 100 uF, 10%, 16 VDC, SMD, MnO2, Molded, High Temperature, 200C, B (0.1%/1000 Hrs), 250 mOhms, 7343, 4.3 mm, 1.3 mm



General Information	
Series	T500
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, High Temperature, 200C
Features	200C
RoHS	Yes
Termination	Gold
AEC-Q200	No
Shelf Life	156 Weeks
MSL	1

Dimensions	
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	4mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
В	0.5mm +/-0.15mm
Е	3.5mm REF
G	3.5mm REF
Р	1.7mm REF
R	1mm REF
Χ	0.1mm +/-0.1mm REF

Specifications	
Capacitance	100 uF
Tolerance	10%
Voltage DC	16 VDC (85C), 10.6 VDC (125C), 6.4 VDC (200C)
Temperature Range	-55/+200°C
Rated Temperature	85°C
Humidity	85C, 85% RH, 0 V, 1000 Hours
Dissipation Factor	8% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
ESR	250 mOhms (100kHz 25C)
Ripple Current	812 mA (rms, 100kHz 25C), 325 mA (rms, 100kHz 125C), 81 mA (rms, 100kHz 200C)
Leakage Current	16 uA (5min 25°C)

Packaging Specifications	
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.

Generated 05/04/2025 © 2006 - 2025 YAGEO