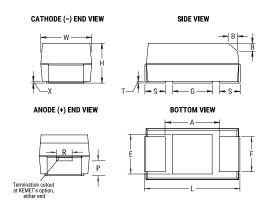
## KEMET Part Number: T513D107K016BH6110



T513\_COTS, Tantalum, MnO2 Tantalum, COTS Multi-Anode, 100 uF, 10%, 16 VDC, SMD, MnO2, Molded, Military Equivalent, MAT COTS, B (0.1%/1000 Hrs), 75 mOhms, 7343, Height Max = 3.1mm



Dimensions		
Footprint	7343	
L	7.3mm +/-0.3mm	
W	4.3mm +/-0.3mm	
Н	2.8mm +/-0.3mm	
Т	0.13mm REF	
S	1.3mm +/-0.3mm	
F	2.4mm +/-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	

Packaging Specifications		
Weight:	349.43 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

General Information	
Supplier:	KEMET
Series:	T513_COTS
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Military Equivalent, MAT COTS
Features:	Low ESR
RoHS:	No
Prop 65:	warning: Cancer and reproductive harm - www.p65warnings.ca.gov.  SVHC (Pb – CAS 7439-92-1)
Termination:	Solder Coated
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, M = Multiple Anode

Specifications		
Capacitance:	100 uF	
Capacitance Tolerance:	10%	
Voltage DC:	16 VDC (85C), 10.72 VDC (125C)	
Temperature Range:	-55/+125C	
Rated Temperature:	85°C	
Dissipation Factor:	6.00% 120Hz 20C	
Failure Rate:	B (0.1%/1000 Hrs)	
Resistance:	75 mOhms (100kHz 20C)	
Leakage Current:	16 uA (5min 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.

