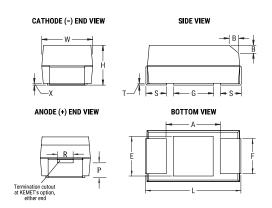
KEMET Part Number: T543X106M063ATE050



T543_COTS, Tantalum, Polymer Tantalum, COTS, 10 uF, 20%, 63 VDC, SMD, Polymer, Molded, COTS, Up Screening, N/A, 50 mOhms, 7343, 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	
A	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		
Weight:	588.16 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

General Information		
Supplier:	KEMET	
Series:	T543_COTS	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, COTS, Up Screening	
Features:	Non-Combustible, Up Screening, Low ESR, COTS	
RoHS:	Yes	
Termination:	Tin	
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	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications		
Capacitance:	10 uF	
Capacitance Tolerance:	20%	
Voltage DC:	63 VDC (105C)	
Temperature Range:	-55/+125C	
Rated Temperature:	105C	
Dissipation Factor:	10.00% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	50 mOhms (100kHz)	
Ripple Current:	2223 mA (100kHz 45C)	
Leakage Current:	63 uA (5min 25C)	
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.

