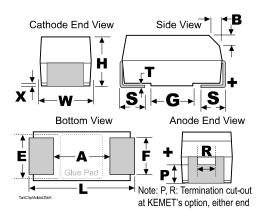
## KEMET Part Number: T543X687M006ATE018



## Capacitor, Tantalum, 680 uF, 7343, +/-20% Tol, 6.3 VDC (105C), Failure Rate=A (Non-ER)



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	7.3	+/-0.3
W	4.3	+/-0.3
Н	4	+/-0.3
F	2.4	+/-0.1
S	1.3	+/-0.3
В	0.5	+/-0.15
Х	0.1	+/-0.1
Р	1.7	REF
R	1	REF
Т	0.13	REF
A	3.8	MIN
G	3.5	REF
E	3.5	REF

Notes	
NULES	۱.

-In Polarity Stripe, At KEMET's Option, Type May Be Indicated: No Symbol = Standard (Or Low Leakage) MnO2 Tantalum Chip, O = Low ESR T494, R = Low ESR T495, F = Fused T496, HT = 150C Rated T498 (or B45196P, B45198P), H = 175C Rated T499, H2 = 200C Rated T5

General Information		
Supplier:	KEMET	
Application:	Military COTS/Upscreened/Low ESR (Non-ER)	
Sub Application:	(NonCombustibleCathode)	
Part Type Description:	SMD, Polymer, Molded, COTS, Up Screening	
Construction:	Standard Chip-Polymer	
Body Type:	SMD Chip	
Footprint:	7343	
Weight:	588.16 mg	
RoHS:	Yes	

Specifications		
Capacitance:	680 uF	
Tolerance:	+/-20%	
Voltage:	6.3 VDC (105C)	
Temperature Range:	-55/+105C	
Testing:	Standard Testing Only	
Current/Ripple Current:	3704 mAmps (100kHz 45C)	
Resistance/ESR:	18 mOhms (100kHz)	
Failure Rate:	A (Non-ER)	
Leakage Current:	428.4 uA	
Dissipation Factor:	10%	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package 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.

