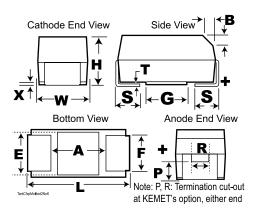
KEMET Part Number: T530X687M006ATE018



Capacitor, Tantalum, SMD, Polymer, Molded, Low ESR, Non-Combustible, 680 uF, 7343, +/-20% Tol, 6.3V@85C



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
Α	3.8	MIN
G	3.5	REF
Е	3.5	REF

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 T500, M = Multiple anode construction T510 (and B45396R), KO = Organic cathode T520 or T521, KT = High temp organic cathode, KM = Multiple anode, organic cathode, FD= Organic cathode face down terminals T528.

General Information		
Supplier:	KEMET	
Part Type Description:	SMD, Polymer, Molded, Low ESR, Non-Combustible	
Construction:	Multiple Anode Chip-Polymer	

Specifications		
Capacitance:	680 uF	
Voltage DC @ 85C:	6.3V	
Voltage DC @ 105C:	6.3V	
Voltage DC @ 125C:	4.22V	
Tolerance:	+/-20%	
Application:	General Purpose/Low ESR	
Temperature Range:	-55/+125C	
Body Type:	Molded Chip	
ESR:	18 mOhm	
Footprint:	7343	
Termination:	Tin	
RoHS:	Yes	
Leakage Current:	428.4 uA	
Dissipation Factor:	8%	
Ripple @ 25C:	3.9 A	
Ripple @ 85C:	2.73 A	
Ripple @ 105C:	1.8525 A	
Ripple @ 125C:	0.975 A	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7in	
Package Quantity:	500	

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