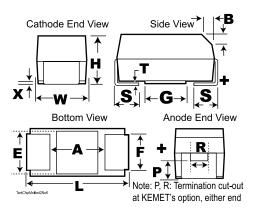
## KEMET Part Number: T510X686K025ATE045



Capacitor, Tantalum, SMD, MnO2, Molded, Multiple Anodes, Low ESR, 68 uF, 7343, +/-10% Tol, 25 V (85C)



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	7.30	+/-0.3
W	4.30	+/-0.3
Н	4.00	+/-0.3
F	2.40	+/-0.1
S	1.30	+/-0.3
В	0.50	+/-0.15
Х	0.10	+/-0.1
Р	1.70	REF
R	1.00	REF
Т	0.13	REF
Α	3.80	MIN
G	3.50	REF
Е	3.50	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 T50

General Information		
Supplier:	KEMET	
Brand:	Kemet	
Application:	General Purpose/Low ESR	
Sub Application:	(MultipleAnode)	
Part Type Description:	SMD, MnO2, Molded, Multiple Anodes, Low ESR	
Construction:	Multiple Anode Chip-MnO2	
Body Type:	Molded Chip	
Termination:	Tin	
Footprint:	7343	
Weight:	430.15 mg	
RoHS:	Yes	

Specifications		
Capacitance:	68 uF	
Tolerance:	+/-10%	
Voltage:	25 V (85C)	
Voltage:	20.88V (105C)	
Voltage:	16.75V (125C)	
Temperature Range:	-55/+125C	
Current/Ripple Current:	2449 mA (25C)	
Current/Ripple Current:	2204 mA (85C)	
Current/Ripple Current:	980 mA (125C)	
Resistance/ESR:	0.045 Ohms (100kHz)	
Failure Rate:	NA	
Leakage Current:	17 uA	
Dissipation Factor:	8%	

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

