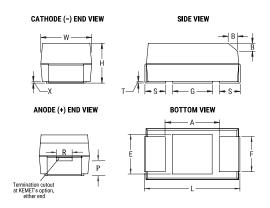
## KEMET Part Number: T510X686K025ATE045



T510, Tantalum, MnO2 Tantalum, Multi-Anode, 68 uF, 10%, 25 VDC, SMD, MnO2, Molded, Multiple Anodes, Low ESR, 45 mOhms, 7343, Height Max = 4.3mm



Dimensions		
Footprint	7343	
L	7.3mm +/-0.3mm	
W	4.3mm +/-0.3mm	
Н	4mm +/-0.3mm	
T	0.13mm REF	
S	1.3mm +/-0.3mm	
F	2.4mm +/-0.1mm	
Α	3.8mm MIN	
В	0.5mm +/-0.15mm	
E	3.5mm REF	
G	3.5mm REF	
Р	1.7mm REF	
R	1mm REF	
X	0.1mm +/-0.1mm	

Packaging Specifications		
Weight:	430.15 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

General Information		
Supplier:	KEMET	
Series:	T510	
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Description:	SMD, MnO2, Molded, Multiple Anodes, Low ESR	
Features:	Low ESR	
RoHS:	Yes	
Termination:	Tin	
Shelf Life:	156 Weeks	
MSL:	1	

Specifications		
Capacitance:	68 uF	
Capacitance Tolerance:	10%	
Voltage DC:	25 VDC (85C), 20.5 VDC (125C)	
Temperature Range:	-55/+125C	
Rated Temperature:	85C	
Dissipation Factor:	8.00% 120Hz 20C	
Failure Rate:	N/A	
Resistance:	45 mOhms (100kHz)	
Ripple Current:	2449 mAmps (100kHz 25C), 2204.1 mAmps (85C), 979.6 mAmps (125C)	
Leakage Current:	17 uA (5min 20C)	

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.

