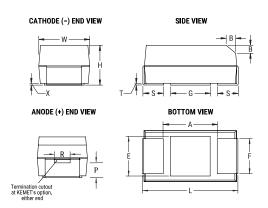
KEMET Part Number: T510X687K004ATE030



T510, Tantalum, MnO2 Tantalum, Multi-Anode, 680 uF, 10%, 4 VDC, SMD, MnO2, Molded, Multiple Anodes, Low ESR, 30 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		
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

General Information		
Series:	T510	
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Description:	SMD, MnO2, Molded, Multiple Anodes, Low ESR	
Features:	Low ESR	
RoHS:	Yes	
Termination:	Tin	
AEC-Q200:	No	
Component Weight:	430.15 mg	
Shelf Life:	156 Weeks	
MSL:	1	

Specifications		
Capacitance:	680 uF	
Capacitance Tolerance:	10%	
Voltage DC:	4 VDC (85C), 2.68 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	85°C	
Dissipation Factor:	6% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	30 mOhms (100kHz 25C)	
Ripple Current:	3000 mA (rms, 100kHz 25C), 2700 mA (rms, 85C), 1200 mA (rms, 125C)	
Leakage Current:	27.2 uA (5min 25°C)	

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