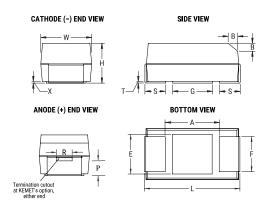
KEMET Part Number: T510X687K004ATA030



T510 Auto, Tantalum, MnO2 Tantalum, Multi-Anode, 680 uF, 10%, 4 VDC, SMD, MnO2, Multi-Anode, LowESR, Auto, AEC-Q200, 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
X	0.1mm +/-0.1mm

Packaging Specifications		
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

General Information		
Series:	T510 Auto	
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Description:	SMD, MnO2, Multi-Anode, LowESR, Auto, AEC-Q200	
Features:	Automotive, Low ESR	
RoHS:	Yes	
Termination:	Tin	
Qualifications:	AEC-Q200	
AEC-Q200:	Yes	
Component Weight:	430.15 mg	
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)

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.



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