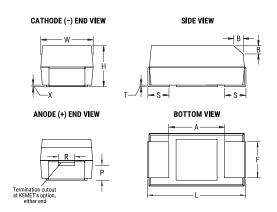
KEMET Part Number: T530X687M006AHE018



T530, Tantalum, Polymer Tantalum, Multi-Anode, 680 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Multiple Anodes, Low ESR, 18 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
Α	3.6mm MIN
В	0.5mm +/-0.15mm
Р	1.7mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

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

General Information		
Series:	T530	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Multiple Anodes, Low ESR	
Features:	Low ESR	
RoHS:	No	
Prop 65:	warning: Cancer and reproductive harm - www.p65warnings.ca.gov.	
	www.poowarrings.ca.gov.	
SCIP Number:	b064b03e-bd75-42af- b342-1fe94dec2340	
SCIP Number: Termination:	b064b03e-bd75-42af-	
	b064b03e-bd75-42af- b342-1fe94dec2340	
Termination:	b064b03e-bd75-42af- b342-1fe94dec2340 Solder Coated	
Termination: AEC-Q200:	b064b03e-bd75-42af- b342-1fe94dec2340 Solder Coated No	

Specifications		
Capacitance:	680 uF	
Capacitance Tolerance:	20%	
Voltage DC:	6.3 VDC (105C), 4.22 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	105°C	
Life:	2000 Hrs (125C)	
Humidity:	60C, 90% RH, 1000 Hours, No Load	
Dissipation Factor:	8% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	18 mOhms (100kHz 25C)	
Ripple Current:	3900 mA (rms, 100kHz 45C), 2730 mA (rms, 85C), 975 mA (rms, 125C)	
Leakage Current:	428.4 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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>>KEMET(基美)