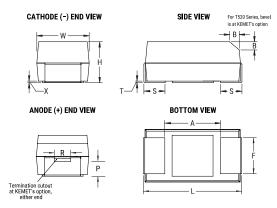
KEMET Part Number: T520Y687M006ATE018



T520, Tantalum, Polymer Tantalum, 680 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 18 mOhms, 7343, Height Max = 4mm



Dimensions		
Footprint	7343	
L	7.3mm +/-0.3mm	
W	4.3mm +/-0.3mm	
Н	3.8mm +/-0.2mm	
Т	0.13mm REF	
S	1.3mm +/-0.3mm	
F	2.4mm +/-0.1mm	
Α	3.8mm MIN	
В	0.5mm +/-0.15mm	
Р	1.7mm REF	
R	1mm REF	

Packaging Specifications		
Weight:	493.99 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

0.1mm +/-0.1mm

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General Information		
Series:	T520	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low ESR, Non-Combustible	
Features:	Low ESR	
RoHS:	Yes	
Termination:	Tin	
AEC-Q200:	No	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications		
Capacitance:	680 uF	
Capacitance Tolerance:	20%	
Voltage DC:	6.3 VDC (105C)	
Temperature Range:	-55/+105°C	
Rated Temperature:	105°C	
Humidity:	60C, 90% RH, 500 Hours, No Load	
Dissipation Factor:	10% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	18 mOhms (100kHz 25C)	
Ripple Current:	3700 mA (rms, 100kHz 45C), 2590 mA (rms, 85C), 925 mA (rms, 105C)	
Leakage Current:	428.4 uA (5min 25°C)	

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