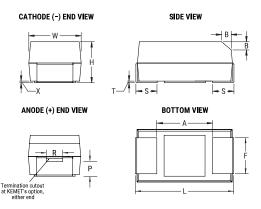
## KEMET Part Number: T530D687M2R5ATE006



T530, Tantalum, Polymer Tantalum, Multi-Anode, 680 uF, 20%, 2.5 VDC, SMD, Polymer, Molded, Multiple Anodes, Low ESR, 6 mOhms, 7343, Height Max = 3.1mm



Dimensions		
Footprint	7343	
L	7.3mm +/-0.3mm	
W	4.3mm +/-0.3mm	
Н	2.8mm +/-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	0.9mm REF	
R	1mm REF	
Х	0.1mm +/-0.1mm	

General Information		
Supplier:	KEMET	
Series:	T530	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Multiple Anodes, Low ESR	
Features:	Low ESR	
RoHS:	Yes	
Termination:	Tin	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications		
Capacitance:	680 uF	
Capacitance Tolerance:	20%	
Voltage DC:	2.5 VDC (105C), 1.68 VDC (125C)	
Temperature Range:	-55/+125C	
Rated Temperature:	105C	
Dissipation Factor:	8.00% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	6 mOhms (100kHz 25C)	
Ripple Current:	6500 mA (100kHz 45C), 4550 mA (85C), 1625 mA (125C)	
Leakage Current:	170 uA (5min 25C)	

Packaging Specifications		
Weight:	307.51 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

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