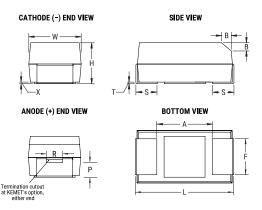
KEMET Part Number: T530X108M2R5ATE006



T530, Tantalum, Polymer Tantalum, Multi-Anode, 1,000 uF, 20%, 2.5 VDC, SMD, Polymer, Molded, Multiple Anodes, Low ESR, 6 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

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:	1,000 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:	6700 mA (100kHz 45C), 4690 mA (85C), 1675 mA (125C)	
Leakage Current:	250 uA (5min 25C)	

Packaging Specifications		
Weight:	410.89 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

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