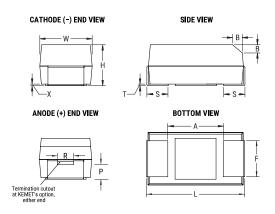
## KEMET Part Number: T530Y108M2R5ATE005



T530, Tantalum, Polymer Tantalum, Multi-Anode, 1,000 uF, 20%, 2.5 VDC, SMD, Polymer, Molded, Multiple Anodes, Low ESR, 5 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	
Х	0.1mm +/-0.1mm	

Packaging Specifications		
Weight:	378.06 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

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:	105°C	
Humidity:	60C, 90% RH, 1000 Hours, No Load	
Dissipation Factor:	8.00% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	5 mOhms (100kHz 25C)	
Ripple Current:	7300 mA (100kHz 45C), 5110 mA (85C), 1825 mA (125C)	
Leakage Current:	250 uA (5min 25C)	

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.

