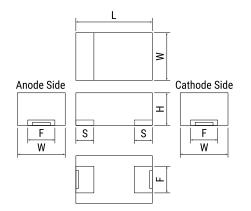
## KEMET Part Number: T529I157M006AAE200 Obsolete



T529, Tantalum, Polymer Tantalum, Reduced Volume, 150 uF, 20%, 6.3 VDC, SMD, Polymer, Substrate, 200 mOhms, 3216, Height Max = 1mm



Dimensions		
Footprint	3216	
L	3.2mm +/-0.2mm	
W	1.6mm +/-0.2mm	
Н	0.9mm +/-0.1mm	
S	0.8mm +/-0.2mm	
F	1.2mm +/-0.1mm	

Packaging Specifications		
Weight:	70.12 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	3000	

General Information		
Series:	T529	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Substrate	
Features:	Substrate	
RoHS:	Yes	
Termination:	Gold	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications		
Capacitance:	150 uF	
Capacitance Tolerance:	20%	
Voltage DC:	6.3 VDC (85C), 5.04 VDC (105C)	
Temperature Range:	-55/+105C	
Rated Temperature:	85°C	
Humidity:	60C, 90% RH, 500 Hours, No Load	
Dissipation Factor:	10.00% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	200 mOhms (100kHz 25C)	
Ripple Current:	548 mA (100kHz 45C), 493.2 mA (85C), 219.2 mA (105C)	
Leakage Current:	283.5 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.





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