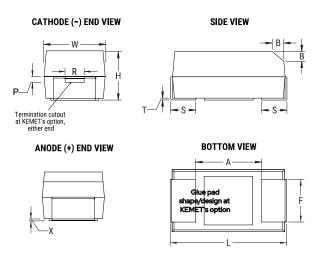


## T521X337M016ATK050

T521, Tantalum, Polymer Tantalum, Commercial Grade, 330 uF, 20%, 16 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 50 mOhms, 7343, 4.3 mm, 1.3 mm



Click	here	for	the	3D	model.
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**Dimensions** 

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			
A	3.8mm MIN			
В	0.5mm +/-0.15mm			
P	1.7mm REF			
R	1mm REF			
X	0.1mm +/-0.1mm REF			
Packaging Specifications				
Packaging	T&R, 178mm			
Packaging Quantity	500			

General Information		
Series	T521	
Dielectric	Polymer Tantalum	
Style	SMD Chip	
Description	SMD, Polymer, Molded, Low ESR, Non-Combustible	
Features	Low ESR, High Voltage	
RoHS	Yes	
Termination	Tin	
AEC-Q200	No	
Typical Component Weight	553.96 mg	
Shelf Life	52 Weeks	
MSL	3	

Specifications	
Capacitance	330 uF
Tolerance	20%
Voltage DC	16 VDC (105C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Life	2000 Hrs (125C)
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	50 mOhms (100kHz 25C)
Ripple Current	2830 mA (rms, 100kHz 45/85C), 1981 mA (rms, 105C), 707.5 mA (rms, 125C)
Leakage Current	264 uA (5min 25°C)

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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