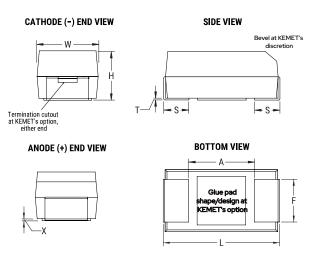


T521V107M016ATK050

T521, Tantalum, Polymer Tantalum, Commercial Grade, 100 uF, 20%, 16 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 50 mOhms, 7343, 2mm



Click	here	for	the	3D	model
-------	------	-----	-----	----	-------

Dimensions			
Footprint	7343		
L	7.3mm +/-0.3mm		
W	4.3mm +/-0.3mm		
Н	1.8mm +/-0.2mm		
Т	0.13mm REF		
S	1.3mm +/-0.3mm		
F	2.4mm +/-0.1mm		
Α	3.8mm MIN		
X	0.05mm REF		
Packaging Specifications			
Packaging	T&R, 178mm		
Packaging Quantity	1000		

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	274.3 mg
Shelf Life	52 Weeks
MSI	3

Constitutions			
Specifications			
Capacitance	100 uF		
Capacitance 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	2320 mA (rms, 100kHz 45/85C), 1624 mA (rms, 105C), 580 mA (rms, 125C)		
Leakage Current	80 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.

Generated 02/22/2025 © 2006 - 2025 YAGEO