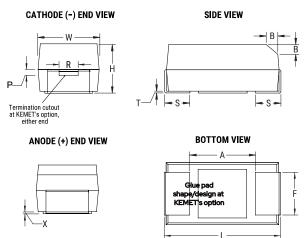


T521X477M016ATI020

T521, Tantalum, Polymer Tantalum, Commercial Grade, 470 uF, 20%, 16 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 20 mOhms, 7343, 4.3 mm, 1.3 mm



Click	here fo	r the 3	D model.

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		
Р	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	470 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	20 mOhms (100kHz 25C)
Ripple Current	4470 mA (rms, 100kHz 45/85C), 3129 mA (rms, 105C), 1118 mA (rms, 125C)
Leakage Current	225.6 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 08/08/2025 © 2006 - 2025 YAGEO