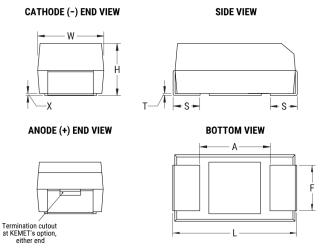


T5210477M016APE070

Obsolete

T521, Tantalum, Polymer Tantalum, 470 uF, 20%, 16 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 70 mOhms, 7360, Height Max = 4.3mm



Click here	for	the	3D	model
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Dimensions	
Footprint	7360
L	7.3mm +/-0.3mm
W	6mm +/-0.3mm
Н	4mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	4.1mm +/-0.1mm
Α	3.3mm MIN
Х	0.1mm +/-0.1mm

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	Nickel Palladium Gold		
AEC-Q200	No		
Shelf Life	52 Weeks		
MSL	3		

Specifications	
Capacitance	470 uF
Capacitance Tolerance	20%
Voltage DC	16 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Life	2000 Hrs (105C)
Humidity	60C, 90% RH, no load, 500 Hours
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
Resistance	70 mOhms (100kHz 25C)
Ripple Current	2070 mA (rms, 100kHz 45C), 1449 mA (rms, 85C), 517.5 mA (rms, 105C)
Leakage Current	752 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.