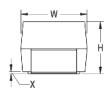


T5210477M016APE070 Obsolete

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

CATHODE (-) END VIEW

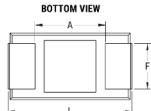




SIDE VIEW

ANODE (+) END VIEW







Click here for the 3D model.

Dimensions	
Footprint	7360
L	7.3mm +/-0.3mm
W	6mm +/-0.3mm
н	4mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	4.1mm +/-0.1mm
А	3.3mm MIN
Х	0.1mm +/-0.1mm

Т·

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
<b>Dissipation Factor</b>	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.