

## T523J227M016APE070

T523, Tantalum, Polymer Tantalum, Reduced Volume, 220 uF, 20%, 16 VDC, SMD, Polymer, Molded, Face Down Terminals, 70 mOhms, 7360, Height Max = 1.6mm



Click [here](#) for the 3D model.

Dimensions	
Footprint	7360
L	7.3mm +/-0.3mm
W	6mm +/-0.3mm
H	1.5mm +/-0.1mm
S	1.6mm +/-0.3mm
F	4.45mm +/-0.1mm

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	1000

General Information	
Series	T523
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Face Down Terminals
Features	Face Down
RoHS	Yes
Termination	Nickel Palladium Gold
AEC-Q200	No
Component Weight	263.2 mg
Shelf Life	52 Weeks
MSL	3

Specifications	
Capacitance	220 uF
Capacitance Tolerance	20%
Voltage DC	16 VDC (85C)
Temperature Range	-55/+85°C
Rated Temperature	85°C
Life	2000 Hrs (85C)
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
Resistance	70 mOhms (100kHz 25C)
Ripple Current	2510 mA (rms, 100kHz 45C), 1757 mA (rms, 85C)
Leakage Current	352 uA (5min 25°C)

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