

T521O477M016APE070

Obsolete

General Information

Series

Style

Dielectric

Description

Termination

Features

RoHS

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

T521

Yes

695.9 mg 52 Weeks

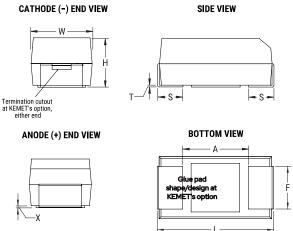
SMD Chip

Polymer Tantalum

SMD, Polymer, Molded, Low ESR, Non-Combustible

Low ESR, High Voltage

Nickel Palladium Gold



GIERRICE TOTALE 35 MODEL.	Specifications
KEMETS option Click here for the 3D model.	MSL
	Shelf Life
	Typical Component Weight
Glue pad shape/design at	AEC-Q200

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
Α	3.3mm MIN
X	0.1mm +/-0.1mm REF
Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

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, 500 Hours, No Load
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	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)

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