

T520C227M004ATE015

T520, Tantalum, Polymer Tantalum, 220 uF, 20%, 4 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 15 mOhms, 6032, Height Max = 2.8mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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Dimensions

Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.2mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	2.9mm MIN
B	0.5mm +/-0.15mm
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

General Information

Series	T520
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Low ESR, Non-Combustible
Features	Low ESR
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	184.14 mg
Shelf Life	52 Weeks
MSL	3

Specifications

Capacitance	220 uF
Capacitance Tolerance	20%
Voltage DC	4 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	8% 120Hz 25C
Failure Rate	N/A
Resistance	15 mOhms (100kHz 25C)
Ripple Current	3300 mA (rms, 100kHz 45C), 2310 mA (rms, 85C), 825 mA (rms, 105C)
Leakage Current	88 uA (5min 25°C)

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