

## T521B226M016AHE0907280

T521, Tantalum, Polymer Tantalum, 22 uF, 20%, 16 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 90 mOhms, 3528, Height Max = 2mm

## CATHODE (-) END VIEW SIDE VIEW ANODE (+) END VIEW BOTTOM VIEW Termination cutout at KEMET's option, either end

Click	nere	for	the	3D	model.
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Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
Н	1.9mm +/-0.1mm
Т	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
Α	1.9mm MIN
В	0.4mm +/-0.15mm
Р	0.5mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	8000

General Informatio	n	
Series	T521	
Dielectric	Polymer Tantalum	
Style	SMD Chip	
Description	SMD, Polymer, Molded, Low ESR, Non- Combustible	
Features	Low ESR, High Voltage	
RoHS	No	
Prop 65	▲ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.	
SCIP Number	b064b03e-bd75-42af-b342-1fe94dec2340	
Termination	Tin Lead (SnPb)	
AEC-Q200	No	
Component Weight	94.85 mg	
Shelf Life	52 Weeks	
MSL	3	

Specifications	
Capacitance	22 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	8% 120Hz 25C
Failure Rate	N/A
Resistance	90 mOhms (100kHz 25C)
Ripple Current	1490 mA (rms, 100kHz 45C), 1043 mA (rms, 85C), 372.5 mA (rms, 105C)
Leakage Current	35.2 uA (5min 25°C)

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