

T525B107M003ATE080

T525, Tantalum, Polymer Tantalum, 100 uF, 20%, 3 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 80 mOhms, 3528, Height Max = 2mm

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

Click	here	for	the	3D	model.

3528
3.5mm +/-0.2mm
2.8mm +/-0.2mm
1.9mm +/-0.1mm
0.13mm REF
0.8mm +/-0.3mm
2.2mm +/-0.1mm
1.9mm MIN
0.4mm +/-0.15mm
0.5mm REF
1mm REF
0.1mm +/-0.1mm

Packaging Specifications			
Packaging	T&R, 178mm		
Packaging Quantity	2000		

General Information	
Series	T525
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	94.85 mg
Shelf Life	52 Weeks
MSL	3

Specifications	,
Capacitance	100 uF
Capacitance Tolerance	20%
Voltage DC	3 VDC (105C), 2.01 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Life	2000 Hrs (125C)
Humidity	60C, 90% RH, 1000 Hours, No Load
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
Resistance	80 mOhms (100kHz 25C)
Ripple Current	1300 mA (rms, 100kHz 45C), 910 mA (rms, 85C), 325 mA (rms, 125C)
Leakage Current	30 uA (5min 25°C)

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