

T521B226M020ATE090

T521, Tantalum, Polymer Tantalum, 22 uF, 20%, 20 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	here	for	the	3D	model.
CIICK	11616	101	uic	$^{\circ}$	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	T521
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Low ESR, Non- Combustible
Features	Low ESR, High Voltage
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	94.85 mg
Shelf Life	52 Weeks
MSL	3

Specifications	
Capacitance	22 uF
Capacitance Tolerance	20%
Voltage DC	20 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	44 uA (5min 25°C)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.