

## T491A105K050AT

T491, Tantalum, MnO2 Tantalum, 1 uF, 10%, 50 VDC, SMD, MnO2, Molded, 7 Ohms, 3216, Height Max = 1.8mm

CATHODE (-) END VIEW



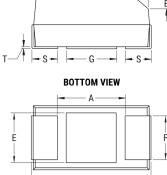
B



ANODE (+) END VIEW

R

Ρ



General Information		
Series	T491	
Dielectric	MnO2 Tantalum	
Style	SMD Chip	
Description	SMD, MnO2, Molded	
RoHS	Yes	
Termination	Tin	
AEC-Q200	No	
Component Weight	58.6 mg	
Shelf Life	156 Weeks	
MSL	1	

Specifications	1
Capacitance	1uF
Capacitance Tolerance	10%
Voltage DC	50 VDC (85C), 33.5 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
<b>Dissipation Factor</b>	4% 120Hz 25C
Failure Rate	N/A
Resistance	7 Ohms (100kHz 25C)
Ripple Current	104 mA (rms, 100kHz 25C), 93.6 mA (rms, 85C), 41.6 mA (rms, 125C)
Leakage Current	0.5 uA (5min 25°C)

Click here for the 3D model.

Termination cutout at KEMET's option, either end

Dimensions	
Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
н	1.6mm +/-0.2mm
т	0.13mm REF
S	0.8mm +0.2/-0.3mm
F	1.2mm +/-0.1mm
А	1.2mm MIN
В	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
Р	0.4mm REF
R	0.4mm REF
Х	0.1mm +/-0.1mm

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

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>>KEMET(基美)