

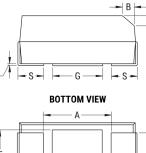
## T496C105K050ATE2K7

T496, Tantalum, MnO2 Tantalum, Fused, 1 uF, 10%, 50 VDC, SMD, MnO2, Molded, Fused, N/A, 2.7 Ohms, 6032, Height Max = 2.8mm

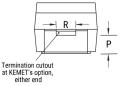
CATHODE (-) END VIEW

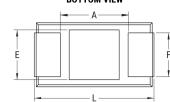


ANODE (+) END VIEW



SIDE VIEW





Click	here fo	r the 3D	model.
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Dimensions	
Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
Н	2.5mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
А	3.1mm MIN
В	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

Т

Packaging Specifications			
Packaging	T&R, 178mm		
Packaging Quantity	500		

General Information	
Series	T496
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Fused
Features	Integral Fuse
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	224.48 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
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	2700 mOhms (100kHz 25C)
Ripple Current	202 mA (rms, 100kHz 25C), 181.8 mA (rms, 85C), 80.8 mA (rms, 125C)
Leakage Current	0.5 uA (5min 25°C)

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>>KEMET(基美)