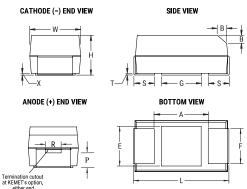
KEMET Part Number: T491C156K010AT



T491, Tantalum, MnO2 Tantalum, 15 uF, 10%, 10 VDC, SMD, MnO2, Molded, 1.8 Ohms, 6032, Height Max = 2.8mm



either end		
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	
Α	2.9mm MIN	
В	0.5mm +/-0.15mm	
E	2.4mm REF	
G	2.8mm REF	

0.9mm REF

1mm REF

0.1mm +/-0.1mm

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

Ρ

R

Χ

General Information		
Series:	T491	
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Description:	SMD, MnO2, Molded	
RoHS:	Yes	
Termination:	Tin	
AEC-Q200:	No	
Component Weight:	224.48 mg	
Shelf Life:	156 Weeks	
MSL:	1	

Specifications		
Capacitance:	15 uF	
Capacitance Tolerance:	10%	
Voltage DC:	10 VDC (85C), 6.7 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	85°C	
Dissipation Factor:	6% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	1.8 Ohms (100kHz 25C)	
Ripple Current:	247 mA (rms, 100kHz 25C), 222.3 mA (rms, 85C), 98.8 mA (rms, 125C)	
Leakage Current:	1.5 uA (5min 25°C)	

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