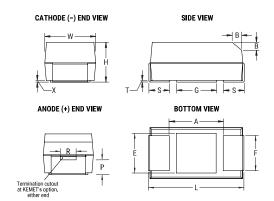
**KEMET Part Number: T491C686K004AT** 



T491, Tantalum, MnO2 Tantalum, 68 uF, 10%, 4 VDC, SMD, MnO2, Molded, 1.5 Ohms, 6032, Height Max = 2.8mm



General Information		
Supplier:	KEMET	
Series:	T491	
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Description:	SMD, MnO2, Molded	
RoHS:	Yes	
Termination:	Tin	
Shelf Life:	156 Weeks	
MSL:	1	

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
P	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

Specifications	
Capacitance:	68 uF
Capacitance Tolerance:	10%
Voltage DC:	4 VDC (85C), 2.68 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
Dissipation Factor:	6.00% 120Hz 20C
Failure Rate:	N/A
Resistance:	1.5 Ohms (100kHz)
Ripple Current:	271 mAmps (100kHz 25C), 243.9 mAmps (85C), 108.4 mAmps (125C)
Leakage Current:	2.7 uA (5min 20C)

Packaging Specifications		
Weight:	224.48 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

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