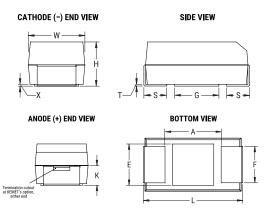
KEMET Part Number: T491U686K006AT



T491, Tantalum, MnO2 Tantalum, 68 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, Low Profile, 1.8 Ohms, 6032, Height Max = 1.5mm



Dimensions	
Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
Н	1.5mm MAX
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
А	2.9mm MIN
E	2.2mm REF
G	2.8mm REF
Х	0.05mm REF

Packaging Specifications		
Weight:	70 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	1000	

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

Specifications		
Capacitance:	68 uF	
Capacitance Tolerance:	10%	
Voltage DC:	6.3 VDC (85C), 4.22 VDC (125C)	
Temperature Range:	-55/+125C	
Rated Temperature:	85C	
Dissipation Factor:	10.00% 120Hz 20c	
Failure Rate:	N/A	
Resistance:	1.8 Ohms (100kHz)	
Ripple Current:	224 mAmps (100kHz 25C), 201.6 mAmps (85C), 89.6 mAmps (125C)	
Leakage Current:	4.3 uA (5min 20C)	

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