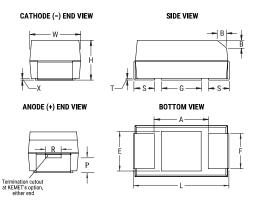
KEMET Part Number: T491A686K006AT



T491, Tantalum, MnO2 Tantalum, 68 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, 4 Ohms, 3216, Height Max = 1.8mm



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
Α	1.2mm MIN
В	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
Р	0.4mm REF
R	0.4mm REF
X	0.1mm +/-0.1mm

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

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		
Capacitance:	68 uF	
Capacitance Tolerance:	10%	
Voltage DC:	6.3 VDC (85C), 4.22 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	85°C	
Dissipation Factor:	30% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	4 Ohms (100kHz 25C)	
Ripple Current:	137 mA (rms, 100kHz 25C), 123.3 mA (rms, 85C), 54.8 mA (rms, 125C)	
Leakage Current:	4.3 uA (5min 25°C)	

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