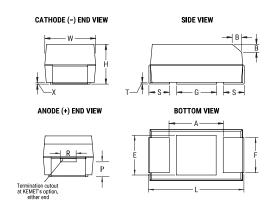
**KEMET Part Number: T491A106K016AT** 



## T491, Tantalum, MnO2 Tantalum, 10 uF, 10%, 16 VDC, SMD, MnO2, Molded, 3 Ohms, 3216, Height Max = 1.8mm



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	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	
Х	0.1mm +/-0.1mm	

Specifications	
Capacitance:	10 uF
Capacitance Tolerance:	10%
Voltage DC:	16 VDC (85C), 10.72 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85°C
Dissipation Factor:	6.00% 120Hz 20C
Failure Rate:	N/A
Resistance:	3 Ohms (100kHz)
Ripple Current:	158 mAmps (100kHz 25C), 142.2 mAmps (85C), 63.2 mAmps (125C)
Leakage Current:	1.6 uA (5min 20C)

Packaging Specifications		
Weight:	58.6 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	2000	

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