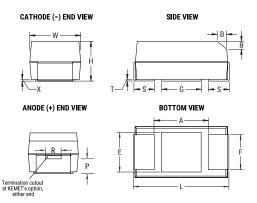
KEMET Part Number: T491A105M016AT



T491, Tantalum, MnO2 Tantalum, 1 uF, 20%, 16 VDC, SMD, MnO2, Molded, 10 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	
Х	0.1mm +/-0.1mm	

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

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

Specifications		
Capacitance:	1 uF	
Capacitance Tolerance:	20%	
Voltage DC:	16 VDC (85C), 10.72 VDC (125C)	
Temperature Range:	-55/+125C	
Rated Temperature:	85C	
Dissipation Factor:	4.00% 120Hz 20C	
Failure Rate:	N/A	
Resistance:	10 Ohms (100kHz)	
Ripple Current:	87 mAmps (100kHz 25C), 78.3 mAmps (85C), 34.8 mAmps (125C)	
Leakage Current:	0.5 uA (5min 20C)	

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