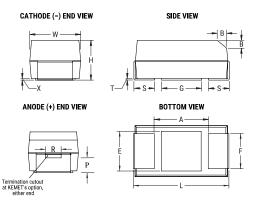
KEMET Part Number: T491A105K020AT



T491, Tantalum, MnO2 Tantalum, 1 uF, 10%, 20 VDC, SMD, MnO2, Molded, 9 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:	10%	
Voltage DC:	20 VDC (85C), 13.4 VDC (125C)	
Temperature Range:	-55/+125C	
Rated Temperature:	85°C	
Dissipation Factor:	4.00% 120Hz 20C	
Failure Rate:	N/A	
Resistance:	9 Ohms (100kHz)	
Ripple Current:	91 mAmps (100kHz 25C), 81.9 mAmps (85C), 36.4 mAmps (125C)	
Leakage Current:	0.5 uA (5min 20C)	

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