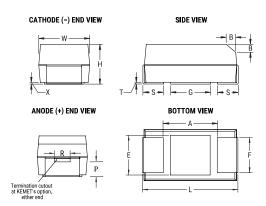
## **KEMET Part Number: T491A105M020AT**



## T491, Tantalum, MnO2 Tantalum, 1 uF, 20%, 20 VDC, SMD, MnO2, Molded, 9 Ohms, 3216, Height Max = 1.8mm



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

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:	1 uF
Capacitance Tolerance:	20%
Voltage DC:	20 VDC (85C), 13.4 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	4% 120Hz 25C
Failure Rate:	N/A
Resistance:	9 Ohms (100kHz 25C)
Ripple Current:	91 mA (rms, 100kHz 25C), 81.9 mA (rms, 85C), 36.4 mA (rms, 125C)
Leakage Current:	0.5 uA (5min 25°C)

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

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