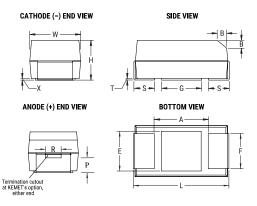
KEMET Part Number: T491B475M020AT



T491, Tantalum, MnO2 Tantalum, 4.7 uF, 20%, 20 VDC, SMD, MnO2, Molded, 3 Ohms, 3528, Height Max = 2.1mm



Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
Н	1.9mm +/-0.2mm
Т	0.13mm REF
S	0.8mm +0.1/-0.3mm
F	2.2mm +/-0.1mm
Α	1.9mm MIN
В	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
Р	0.5mm REF
R	1mm 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:	107.45 mg	
Shelf Life:	156 Weeks	
MSL:	1	

Specifications		
Capacitance:	4.7 uF	
Capacitance Tolerance:	20%	
Voltage DC:	20 VDC (85C), 13.4 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	85°C	
Dissipation Factor:	6% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	3 Ohms (100kHz 25C)	
Ripple Current:	168 mA (rms, 100kHz 25C), 151.2 mA (rms, 85C), 67.2 mA (rms, 125C)	
Leakage Current:	0.9 uA (5min 25°C)	

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