

T495B475M016ATA3K5

General Information

Series

Dielectric

T495 Auto, Tantalum, MnO2 Tantalum, 4.7 uF, 20%, 16 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 3.5 Ohms, 3528, Height Max = 2.1mm

T495 Auto

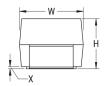
MnO2 Tantalum

CATHODE (-) END VIEW



B

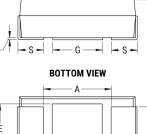
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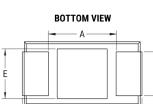


ANODE (+) END VIEW

R

Ρ





Termination cutout at KEMET's option,	
either end	

Click here for the 3D model.

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	
А	1.9mm MIN	
В	0.4mm +/-0.15mm	
E	2.2mm REF	
G	1.8mm REF	
Р	0.5mm REF	
R	1mm REF	
Х	0.1mm +/-0.1mm	

т

Style	SMD Chip
Description	SMD, MnO2, Molded, Low ESR, Auto, AEC- Q200
Features	Low ESR, Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	107.45 mg

Specifications	/
Capacitance	4.7 uF
Capacitance Tolerance	20%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
Resistance	3500 mOhms (100kHz 25C)
Ripple Current	156 mA (rms, 100kHz 25C), 140.4 mA (rms, 85C), 62.4 mA (rms, 125C)
Leakage Current	0.8 uA (5min 25°C)

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

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