

## T495B476K006ATA500

**General Information** 

Series

Dielectric

T495 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 47 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 500 mOhms, 3528, 2.1 mm, 0.8 mm

T495 Auto

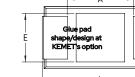
MnO2 Tantalum

CATHODE (-) END VIEW



ANODE (+) END VIEW

SIDE VIEW



Click here for the 3D model.

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
Typical Component Weight	107.45 mg

Dimensions	
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
A	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 REF

Specifications			
Capacitance	47 uF		
Tolerance	10%		
Voltage DC	6.3 VDC (85C), 4.22 VDC (125C)		
Temperature Range	-55/+125°C		
Rated Temperature	85°C		
Dissipation Factor	6% 120Hz 25C		
Failure Rate	N/A		
ESR	500 mOhms (100kHz 25C)		
Ripple Current	412 mA (rms, 100kHz 25C), 370.8 mA (rms, 85C), 164.8 mA (rms, 125C)		
Leakage Current	3 uA (5min 25°C)		

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

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