

T495A106K006ATA4K0

T495 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 10 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 4 Ohms, 3216, 1.8 mm, 0.8 mm

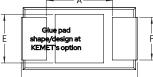
CATHODE (-) END VIEW



ANODE (+) END VIEW

Di W H T S F A B E G P R X

SIDE VIEW



E snapeydesign at F KEMET's option	AEC-Q
	Typical
Click here for the 3D model.	
imensions	Specifi
3.2mm +/-0.2mm	Capacit
1.6mm +/-0.2mm	Toleran
1.6mm +/-0.2mm	Voltage
0.13mm REF	Temper
0.8mm +0.2/-0.3mm	Rated 1
1.2mm +/-0.1mm	Dissipa
1.2mm MIN	Failure
0.4mm +/-0.15mm	ESR
1.3mm REF	Ripple (
1.1mm REF	
0.4mm REF	Leakag
0.4mm REF	
0.1mm +/-0.1mm REF	

General Information	
Series	T495 Auto
Dielectric	MnO2 Tantalum
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	58.6 mg

Specifications	
Capacitance	10 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	4000 mOhms (100kHz 25C)
Ripple Current	137 mA (rms, 100kHz 25C), 123.3 mA (rms, 85C), 54.8 mA (rms, 125C)
Leakage Current	0.6 uA (5min 25°C)

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

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