

T495A475K016ATA2K0

General Information

T495 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 4.7 uF, 10%, 16 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 2 Ohms, 3216, 1.8 mm, 0.8 mm

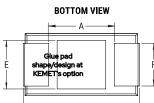
CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



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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	4.7 uF
Tolerance	10%
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
ESR	2000 mOhms (100kHz 25C)
Ripple Current	194 mA (rms, 100kHz 25C), 174.6 mA (rms, 85C), 77.6 mA (rms, 125C)
Leakage Current	0.8 uA (5min 25°C)

Dimensions	
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
A	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 REF

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

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