

T489B476K006ATA1K6

T489 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 47 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, Low Leakage, Auto, AEC-Q200, 1.62 Ohms, 3528, 2.1 mm, 0.8 mm

CATHODE (-) END VIEW



B - S -- |- s — G -BOTTOM VIEW ٠A

SIDE VIEW



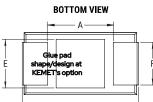
Dimensions

L

W

н

Т s ANODE (+) END VIEW



3.5mm +/-0.2mm

2.8mm +/-0.2mm 1.9mm +/-0.2mm

0.8mm +/-0.3mm

0.13mm REF

Click here for the 3D model.

General Information	
Series	T489 Auto
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low Leakage, Auto, AEC-Q200
Features	Low Leakage, Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	107.45 mg

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	1620 mOhms (100kHz 25C)
Ripple Current	229 mA (rms, 100kHz 25C)
Leakage Current	2.2 uA (5min 25°C)

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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
Х	0.1mm +/-0.1mm REF

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

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