

T489C476K010ATA540

T489 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 47 uF, 10%, 10 VDC, SMD, MnO2, Molded, Low Leakage, Auto, AEC-Q200, 540 mOhms, 6032, 2.8 mm, 1.3 mm

CATHODE (-) END VIEW



ANODE (+) END VIEW

Dimensions

L

W

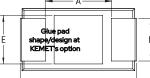
н

т s

F

А

SIDE VIEW



6mm +/-0.3mm

3.2mm +/-0.3mm 2.5mm +/-0.3mm

1.3mm +/-0.3mm

2.2mm +/-0.1mm

0.13mm REF

3.1mm MIN

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	224.475 mg

Specifications	
Capacitance	47 uF
Tolerance	10%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	540 mOhms (100kHz 25C)
Ripple Current	451 mA (rms, 100kHz 25C)
Leakage Current	3.5 uA (5min 25°C)

В	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm REF
Pool or sing Crossifications	

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

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