

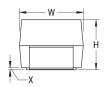
T489C476M010ATA540

T489 Auto, Tantalum, MnO2 Tantalum, 47 uF, 20%, 10 VDC, SMD, MnO2, Molded, Low Leakage, Auto, AEC-Q200, 540 mOhms, 6032, Height Max = 2.8mm

CATHODE (-) END VIEW



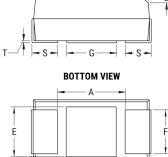
B



ANODE (+) END VIEW

R

Ρ



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
Component Weight	224.475 mg

Specifications	
Capacitance	47 uF
Capacitance Tolerance	20%
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
Resistance	540 mOhms (100kHz 25C)
Ripple Current	451 mA (rms, 100kHz 25C)
Leakage Current	3.5 uA (5min 25°C)

Click here for the 3D model.

Termination cutout at KEMET's option, either end

Dimensions		
Footprint	6032	
L	6mm +/-0.3mm	
W	3.2mm +/-0.3mm	
Н	2.5mm +/-0.3mm	
Т	0.13mm REF	
S	1.3mm +/-0.3mm	
F	2.2mm +/-0.1mm	
А	3.1mm MIN	
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	

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

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