

T495C474K050ATA7K2

General Information

Series

Dielectric

T495 Auto, Tantalum, MnO2 Tantalum, .47 uF, 10%, 50 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 7.2 Ohms, 6032, Height Max = 2.8mm

T495 Auto

SMD Chip

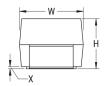
Q200

MnO2 Tantalum

CATHODE (-) END VIEW



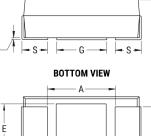
B

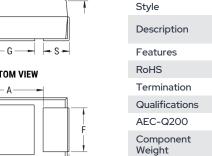


ANODE (+) END VIEW

R

Ρ





Termination cutout at KEMET's option, either end

Click here for the 3D model.

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	2.9mm 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

т

Features	Low ESR, Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	224.48 mg
Specifications	
Capacitance	.47 uF
Capacitance Tolerance	10%

SMD, MnO2, Molded, Low ESR, Auto, AEC-

Capacitance	.47 uF
Capacitance Tolerance	10%
Voltage DC	50 VDC (85C), 33.5 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	4% 120Hz 25C
Failure Rate	N/A
Resistance	7200 mOhms (100kHz 25C)
Ripple Current	124 mA (rms, 100kHz 25C), 111.6 mA (rms, 85C), 49.6 mA (rms, 125C)
Leakage Current	0.5 uA (5min 25°C)

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

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