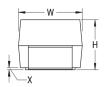


T510X107K020ATA045

T510 Auto, Tantalum, MnO2 Tantalum, Multi-Anode, 100 uF, 10%, 20 VDC, SMD, MnO2, Multi-Anode, LowESR, Auto, AEC-Q200, 45 mOhms, 7343, Height Max = 4.3mm

CATHODE (-) END VIEW

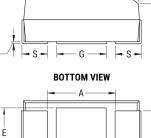


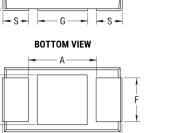


ANODE (+) END VIEW

R

Ρ





В

Termination cutout	
at KEMET's option,	
either end	

Click here for the 3D model.

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	4mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
А	3.8mm MIN
В	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
Р	1.7mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

т

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

General Information	
Series	T510 Auto
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Multi-Anode, LowESR, Auto, AEC-Q200
Features	Automotive, Low ESR
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	430.15 mg
MSL	1

Specifications	
Capacitance	100 uF
Capacitance Tolerance	10%
Voltage DC	20 VDC (85C), 13.4 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
Resistance	45 mOhms (100kHz 25C)
Ripple Current	2449 mA (rms, 100kHz 25C), 2204.1 mA (rms, 85C), 979.6 mA (rms, 125C)
Leakage Current	20 uA (5min 25°C)

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