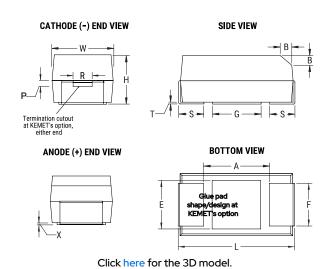


T510X106K050ATA120

General Information

Series

T510 Auto, Tantalum, MnO2 Tantalum, Multi-Anode, 10 uF, 10%, 50 VDC, SMD, MnO2, Multi-Anode, LowESR, Auto, AEC-Q200, 120 mOhms, 7343, 4.3 mm, 1.3 mm



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
Typical Component Weight	430.15 mg
MSL	1

T510 Auto

Dimensions	
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
A	3.8mm MIN
В	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

Specifications	
Capacitance	10 uF
Tolerance	10%
Voltage DC	50 VDC (85C), 33.5 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
ESR	120 mOhms (100kHz 25C)
Ripple Current	1500 mA (rms, 100kHz 25C), 1350 mA (rms, 85C), 600 mA (rms, 125C)
Leakage Current	5 uA (5min 25°C)

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

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