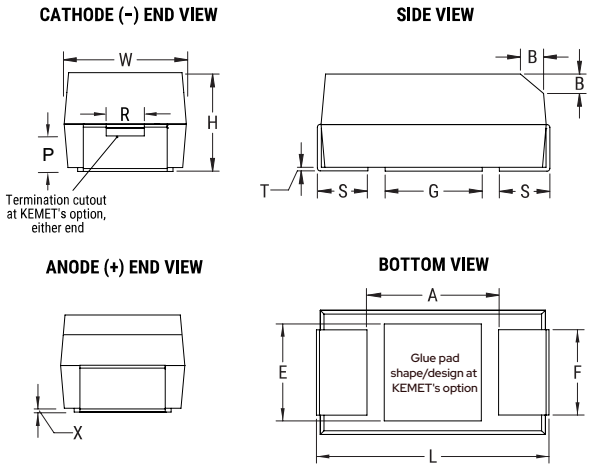
T510X687K006ATA023

T510 Auto, Tantalum, MnO2 Tantalum, Multi-Anode, 680 uF, 10%, 6.3 VDC, SMD, MnO2, Multi-Anode, LowESR, Auto, AEC-Q200, 23 mOhms, 4.3 mm, 2817 / 7343



Click here for the 3D model.

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
Typical Component Weight	430.15 mg
MSL	1

Dimensions	
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	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	680 uF
Tolerance	10%
Voltage DC	6.3 VDC (85C), 4.22 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	23 mOhms (100kHz 25C)
Ripple Current	3426 mA (rms, 100kHz 25C), 3083.4 mA (rms, 85C), 1370.4 mA (rms, 125C)
Leakage Current	42.8 uA (5min 25°C)

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

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