

T510 Auto, Tantalum, MnO2 Tantalum, Multi-Anode, 680 uF, 20%, 6.3 VDC, SMD, MnO2, Multi-Anode, LowESR, Auto, AEC-Q200, 23 mOhms, 7343, Height Max = 4.3mm



Dimensions	
Footprint	7343
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

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:	No
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov
SCIP Number:	b064b03e-bd75-42af-b342-1fe94dec2340
Termination:	Solder Coated
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Component Weight:	430.15 mg
MSL:	1

Specifications	
Capacitance:	680 uF
Capacitance Tolerance:	20%
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
Resistance:	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)

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