

T510, Tantalum, MnO2 Tantalum, Multi-Anode, 680 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, Large Case, Multi-Anode, LowESR, 12 mOhms, 7360, Height Max = 3.8mm



Dimensions	
Footprint	7360
L	7.3mm +/-0.3mm
W	6mm +/-0.3mm
H	3.6mm +/-0.2mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	4.1mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
X	0.1mm +/-0.1mm

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

General Information	
Series:	T510
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Large Case, Multi-Anode, LowESR
Features:	Low ESR
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Component Weight:	500.73 mg
Shelf Life:	156 Weeks
MSL:	1

Specifications	
Capacitance:	680 uF
Capacitance 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
Resistance:	12 mOhms (100kHz 25C)
Ripple Current:	4873 mA (rms, 100kHz 25C), 4385.7 mA (rms, 85C), 1949.2 mA (rms, 125C)
Leakage Current:	42.8 uA (5min 25°C)

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