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**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
Typical Component Weight	500.73 mg
Shelf Life	156 Weeks
MSL	1

**Dimensions**

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 REF

**Packaging Specifications**

Packaging	T&R, 178mm
Packaging Quantity	500

**Specifications**

Capacitance	1,000 uF
Tolerance	10%
Voltage DC	4 VDC (85C), 2.68 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	10 mOhms (100kHz 25C)
Ripple Current	5339 mA (rms, 100kHz 25C), 4805.1 mA (rms, 85C), 2135.6 mA (rms, 125C)
Leakage Current	40 uA (5min 25°C)

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