

T510X106K050ATE120

T510, Tantalum, MnO2 Tantalum, Multi-Anode, 10 uF, 10%, 50 VDC, SMD, MnO2, Molded, Multiple Anodes, Low ESR, 120 mOhms, 4.3 mm, 2817 / 7343



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General Information

Series	T510
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Multiple Anodes, Low ESR
Features	Low ESR
RoHS	Yes
Termination	Tin
Typical Component Weight	430.15 mg
Shelf Life	156 Weeks
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	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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