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General Information

Series	T510 Space
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Aerospace, Low ESR, Multi-Anode
Features	Multiple Anode, Low ESR, Aerospace
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/
SCIP Number	b064b03e-bd75-42af-b342-1fe94dec2340
Termination	Tin Lead (SnPb)
AEC-Q200	No
Typical Component Weight	430.15 mg

Specifications

Capacitance	330 uF
Tolerance	10%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 20C
Failure Rate	C (0.01%/1000 Hrs)
ESR	35 mOhms (100kHz 20C)
Ripple Current	2800 mA (100kHz 25C), 2520 mA (100kHz 85C), 1120 mA (100kHz 125C)
Leakage Current	33 uA (5min 20°C)

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

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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