

T510E108K004CH621B

T510 Space, Tantalum, MnO₂ Tantalum, Space Multi-Anode, 1,000 uF, 10%, 4 VDC, SMD, MnO₂, Molded, Large Case, Multi-Anode, LowESR, 18 mOhms, 7360, 3.8 mm, 1.3 mm



Click [here](#) for the 3D model.

General Information

Series	T510 Space
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Large Case, Multi-Anode, LowESR
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	500.73 mg

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
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

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 20C
Failure Rate	C (0.01%/1000 Hrs)
ESR	18 mOhms (100kHz 20C)
Ripple Current	3900 mA (100kHz 25C), 3510 mA (100kHz 85C), 1560 mA (100kHz 125C)
Leakage Current	40 uA (5min 20°C)

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.