

# T510E687K006CH621B

T510 Space, Tantalum, MnO2 Tantalum, Space Multi-Anode, 680 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, Large Case, Multi-Anode, LowESR, 23 mOhms, 3.8 mm, 2824 / 7360



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

## General Information

Series	T510 Space
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Large Case, Multi-Anode, LowESR
Features	Multiple Anode, Low ESR, Aerospace
RoHS	No
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
SCIP Number	b064b03e-bd75-42af-b342-1fe94dec2340
Termination	Tin Lead (SnPb)
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	680 uF
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 20C
Failure Rate	C (0.01%/1000 Hrs)
ESR	23 mOhms (100kHz 20C)
Ripple Current	3500 mA (100kHz 25C), 3150 mA (100kHz 85C), 1400 mA (100kHz 125C)
Leakage Current	40.8 uA (5min 20°C)

## Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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