

## T493X107K016CH641C

T493 Space, Tantalum, MnO<sub>2</sub> Tantalum, Space, 100 uF, 10%, 16 VDC, SMD, MnO<sub>2</sub>, Molded, Aerospace, C (0.01%/1000 Hrs), 700 mOhms, 7343, 4.3 mm, 1.3 mm



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

### General Information

Series	T493 Space
Dielectric	MnO <sub>2</sub> Tantalum
Style	SMD Chip
Description	SMD, MnO <sub>2</sub> , Molded, Aerospace
Features	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	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination	Tin Lead (SnPb)
AEC-Q200	No
Typical Component Weight	654.04 mg

### 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

### Specifications

Capacitance	100 uF
Tolerance	10%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	8% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	0.7 Ohms (100kHz 25C)
Ripple Current	486 mA (rms, 100kHz 25C)
Leakage Current	16 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Testing At -55C And +85C Before Weibull; Additional Testing Option C

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