

## T495E107K020ATE200

T495, Tantalum, MnO<sub>2</sub> Tantalum, Commercial Grade, 100 uF, 10%, 20 VDC, SMD, MnO<sub>2</sub>, Molded, Large Case, Low ESR, 200 mOhms, 3.8 mm, 2824 / 7360



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

### General Information

Series	T495
Dielectric	MnO <sub>2</sub> Tantalum
Style	SMD Chip
Description	SMD, MnO <sub>2</sub> , Molded, Large Case, Low ESR
Features	Low ESR
RoHS	Yes
Termination	Tin
Typical Component Weight	803.76 mg
Shelf Life	156 Weeks
MSL	1

### Specifications

Capacitance	100 uF
Tolerance	10%
Voltage DC	20 VDC (85C), 13.4 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
ESR	200 mOhms (100kHz 25C)
Ripple Current	1000 mA (rms, 100kHz 25C), 900 mA (rms, 85C), 400 mA (rms, 125C)
Leakage Current	20 uA (5min 25°C)

### 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	3.6mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
X	0.1mm +/-0.1mm REF

### 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.