

T495C107K010ATE250

T495, Tantalum, MnO₂ Tantalum, 100 uF, 10%, 10 VDC, SMD, MnO₂, Molded, Low ESR, 250 mOhms, 6032, Height Max = 2.8mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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

Dimensions

Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	2.9mm MIN
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications

Weight	224.48 mg
Packaging	T&R, 178mm
Packaging Quantity	500

General Information

Series	T495
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Low ESR
Features	Low ESR
RoHS	Yes
Termination	Tin
AEC-Q200	No
Shelf Life	156 Weeks
MSL	1

Specifications

Capacitance	100 uF
Capacitance Tolerance	10%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
Resistance	250 mOhms (100kHz 25C)
Ripple Current	663 mA (rms, 100kHz 25C), 596.7 mA (rms, 85C), 265.2 mA (rms, 125C)
Leakage Current	10 uA (5min 25°C)