

T495V685K035ATE600

T495, Tantalum, MnO₂ Tantalum, 6.8 uF, 10%, 35 VDC, SMD, MnO₂, Molded, Low Profile, Low ESR, 600 mOhms, 7343, Height Max = 2mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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

Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	1.8mm +/-0.2mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.6mm MIN
E	3.5mm REF
G	3.5mm REF
X	0.05mm REF

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	1000

General Information

Series	T495
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Low Profile, Low ESR
Features	Low ESR
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	286.4 mg
Shelf Life	156 Weeks
MSL	1

Specifications

Capacitance	6.8 uF
Capacitance Tolerance	10%
Voltage DC	35 VDC (85C), 23.45 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
Resistance	600 mOhms (100kHz 25C)
Ripple Current	456 mA (rms, 100kHz 25C), 410.4 mA (rms, 85C), 182.4 mA (rms, 125C)
Leakage Current	2.4 uA (5min 25°C)

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