

T498X685K050ATE500

T498, Tantalum, MnO₂ Tantalum, High Temperature, 6.8 uF, 10%, 50 VDC, SMD, MnO₂, Molded, Hi-Temp, 150C, Auto, AEC-Q200, 500 mOhms, 4.3 mm, 2817 / 7343



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General Information

Series	T498
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Hi-Temp, 150C, Auto, AEC-Q200
Features	Automotive, 150C
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
Typical Component Weight	652.04 mg
Shelf Life	156 Weeks
MSL	1

Specifications

Capacitance	6.8 uF
Tolerance	10%
Voltage DC	50 VDC (85C), 40 VDC (125C), 33.5 VDC (150C)
Temperature Range	-55/+150°C
Rated Temperature	85°C
Dissipation Factor	4.5% 120Hz 25C
Failure Rate	N/A
ESR	500 mOhms (100kHz 25C)
Ripple Current	574 mA (rms, 100kHz 25C), 516.6 mA (rms, 85C), 172.2 mA (rms, 150C)
Leakage Current	3.4 uA (5min 25°C)

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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