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General Information

Series	T499
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Hi-Temp, 175C, Auto, AEC-Q200
Features	Automotive, 175C
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
Typical Component Weight	58.6 mg
Shelf Life	156 Weeks
MSL	1

Specifications

Capacitance	4.7 uF
Tolerance	10%
Voltage DC	10 VDC (85C), 7.78 VDC (125C), 5 VDC (175C)
Temperature Range	-55/+175°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	6000 mOhms (100kHz 25C)
Ripple Current	112 mA (rms, 100kHz 25C), 100.8 mA (rms, 85C), 22.4 mA (rms, 175C)
Leakage Current	0.5 uA (5min 25°C)

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000

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