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**General Information**

Series	T498
Dielectric	MnO <sub>2</sub> Tantalum
Style	SMD Chip
Description	SMD, MnO <sub>2</sub> , Molded, Hi-Temp, 150C, Auto, AEC-Q200
Features	Automotive, 150C
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
Typical Component Weight	107.45 mg
Shelf Life	156 Weeks
MSL	1

**Specifications**

Capacitance	33 uF
Tolerance	10%
Voltage DC	6.3 VDC (85C), 5.02 VDC (125C), 4.22 VDC (150C)
Temperature Range	-55/+150°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	1700 mOhms (100kHz 25C)
Ripple Current	224 mA (rms, 100kHz 25C), 201.6 mA (rms, 85C), 67.2 mA (rms, 150C)
Leakage Current	2.1 uA (5min 25°C)

**Packaging Specifications**

Packaging	T&R, 178mm
Packaging Quantity	2000

Dimensions	
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
B	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
P	0.5mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

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