

## T498X156M035ATE500

T498, Tantalum, MnO<sub>2</sub> Tantalum, High Temperature, 15  $\mu$ F, 20%, 35 VDC, SMD, MnO<sub>2</sub>, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 500 mOhms, 7343, 4.3 mm, 1.3 mm



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

### 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
AEC-Q200	Yes
Typical Component Weight	652.04 mg
Shelf Life	156 Weeks
MSL	1

### Specifications

Capacitance	15 $\mu$ F
Tolerance	20%
Voltage DC	35 VDC (85C), 28 VDC (125C), 23.45 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	5.3 $\mu$ A (5min 25°C)

### Dimensions

L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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