

## T498C106K025ATE1K1

T498, Tantalum, MnO<sub>2</sub> Tantalum, High Temperature, 10 uF, 10%, 25 VDC, SMD, MnO<sub>2</sub>, Molded, Hi-Temp, 150C, Auto, AEC-Q200, 1.1 Ohms, 2.8 mm, 2312 / 6032



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
Typical Component Weight	224.48 mg
Shelf Life	156 Weeks
MSL	1

### Dimensions

L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	3.1mm MIN
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

### Specifications

Capacitance	10 uF
Tolerance	10%
Voltage DC	25 VDC (85C), 20 VDC (125C), 16.75 VDC (150C)
Temperature Range	-55/+150°C
Rated Temperature	85°C
Dissipation Factor	4.5% 120Hz 25C
Failure Rate	N/A
ESR	1100 mOhms (100kHz 25C)
Ripple Current	316 mA (rms, 100kHz 25C), 284.4 mA (rms, 85C), 94.8 mA (rms, 150C)
Leakage Current	2.5 uA (5min 25°C)

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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