

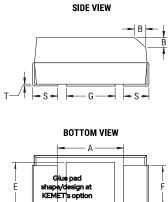
## T498C686K004ATE900

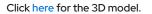
T498, Tantalum, MnO2 Tantalum, High Temperature, 68 uF, 10%, 4 VDC, SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 900 mOhms, 6032, 2.8 mm, 1.3 mm

CATHODE (-) END VIEW



ANODE (+) END VIEW





General Information	
Series	T498
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200
Features	Automotive, 150C
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	224.48 mg
Shelf Life	156 Weeks
MSL	1

Dimensions	
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
н	2.5mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	3.1mm MIN
В	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
Р	0.9mm REF
R	1mm REF
х	0.1mm +/-0.1mm REF

Specifications	
Capacitance	68 uF
Tolerance	10%
Voltage DC	4 VDC (85C), 3.19 VDC (125C), 2.68 VDC (150C)
Temperature Range	-55/+150°C
Rated Temperature	85°C
Dissipation Factor	4.5% 120Hz 25C
Failure Rate	N/A
ESR	900 mOhms (100kHz 25C)
Ripple Current	350 mA (rms, 100kHz 25C), 315 mA (rms, 85C), 105 mA (rms, 150C)
Leakage Current	2.7 uA (5min 25°C)

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

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