

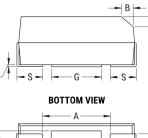
## T498C684M050ATE5K5

T498, Tantalum, MnO2 Tantalum, High Temperature, .68 uF, 20%, 50 VDC, SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 5.5 Ohms, 6032, Height Max = 2.8mm

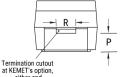
**CATHODE (-) END VIEW** 

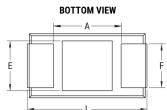


ANODE (+) END VIEW



SIDE VIEW





at KEMET's option,	
either end	

Click here for the 3D model.

Dimensions	
Footprint	6032
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
А	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

т

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

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
Component Weight	224.48 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	.68 uF
Capacitance Tolerance	20%
Voltage DC	50 VDC (85C), 40 VDC (125C), 33.5 VDC (150C)
Temperature Range	-55/+150°C
Rated Temperature	85°C
<b>Dissipation Factor</b>	3% 120Hz 25C
Failure Rate	N/A
Resistance	5500 mOhms (100kHz 25C)
Ripple Current	141 mA (rms, 100kHz 25C), 126.9 mA (rms, 85C), 42.3 mA (rms, 150C)
Leakage Current	0.5 uA (5min 25°C)

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