

T498A155M010ATE6K5

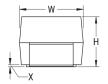
ral Information

T498, Tantalum, MnO2 Tantalum, High Temperature, 1.5 uF, 20%, 10 VDC, SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 6.5 Ohms, 3216, Height Max = 1.8mm

CATHODE (-) END VIEW



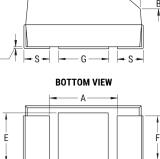
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ANODE (+) END VIEW

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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	58.6 mg
Shelf Life	156 Weeks
MSL	1

Click	here	for t	he 3D	model.
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Termination cutout at KEMET's option, either end

Dimensions	
Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
Н	1.6mm +/-0.2mm
Т	0.13mm REF
S	0.8mm +/-0.3mm
F	1.2mm +/-0.1mm
А	1.2mm MIN
В	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
Р	0.4mm REF
R	0.4mm REF
Х	0.1mm +/-0.1mm

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Shelf Life	156 Weeks
MSL	1
Specifications	
Capacitance	1.5 uF
Capacitance Tolerance	20%
Voltage DC	10 VDC (85C), 8 VDC (125C), 6.7 VDC (150C)
Temperature Range	-55/+150°C
Rated Temperature	85°C
Dissipation Factor	4.5% 120Hz 25C
Failure Rate	N/A

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Resistance	6500 mOhms (100kHz 25C)
Ripple Current	107 mA (rms, 100kHz 25C), 96.3 mA (rms, 85C), 32.1 mA (rms, 150C)
Leakage Current	0.5 uA (5min 25°C)

Packaging Specifications			
Packaging	T&R, 178mm		
Packaging Quantity	2000		

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