

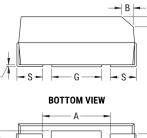
## T499A225K016ATE6K0

T499, Tantalum, MnO2 Tantalum, High Temperature, 2.2 uF, 10%, 16 VDC, SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200, N/A, 6 Ohms, 3216, Height Max = 1.8mm

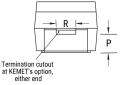
CATHODE (-) END VIEW

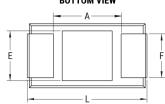


ANODE (+) END VIEW



SIDE VIEW





Click	here f	or the	3D	model.
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Pa Pa Pa

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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Packaging	T&R, 178mm
Packaging Quantity	2000

General Information	
Series	T499
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200
Features	Automotive, 175C
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	58.6 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	2.2 uF
Capacitance Tolerance	10%
Voltage DC	16 VDC (85C), 12.44 VDC (125C), 8 VDC (175C)
Temperature Range	-55/+175°C
Rated Temperature	85°C
<b>Dissipation Factor</b>	6% 120Hz 25C
Failure Rate	N/A
Resistance	6000 mOhms (100kHz 25C)
Ripple Current	112 mA (rms, 100kHz 25C), 100.8 mA (rms, 85C), 22.4 mA (rms, 175C)
Leakage Current	0.5 uA (5min 25°C)

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