

Tantalum, MnO2 Tantalum, High Temperature, T499, 1.5 uF, 10%, 10 V, 3216, SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200, N/A, 8 Ohms, Height Max = 1.8mm



General Information	
<b>Dielectric:</b>	MnO2 Tantalum
<b>Style:</b>	SMD Chip
<b>Series:</b>	T499
<b>Description:</b>	SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200
<b>Features:</b>	Automotive, 175C
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<b>Approvals:</b>	AEC-Q200
<b>AEC-Q200:</b>	Yes

Dimensions	
<b>Footprint</b>	3216
<b>L</b>	3.2mm +/-0.2mm
<b>W</b>	1.6mm +/-0.2mm
<b>H</b>	1.6mm +/-0.2mm
<b>T</b>	0.13mm REF
<b>S</b>	0.8mm +/-0.3mm
<b>F</b>	1.2mm +/-0.1mm
<b>A</b>	1.2mm MIN
<b>B</b>	0.4mm +/-0.15mm
<b>E</b>	1.3mm REF
<b>G</b>	1.1mm REF
<b>P</b>	0.4mm REF
<b>R</b>	0.4mm REF
<b>X</b>	0.1mm +/-0.1mm

Specifications	
<b>Capacitance:</b>	1.5 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	10 VDC (85C), 7.78 VDC (125C), 3.3 VDC (175C)
<b>Temperature Range:</b>	-55/+175C
<b>Dissipation Factor:</b>	6% 120Hz 20C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	8000 mOhms (100kHz)
<b>Current:</b>	97 mAmps (100kHz 25C), 87.3 mAmps (85C), 19.4 mAmps (175C)
<b>Leakage Current:</b>	0.5 uAmps (5min 20C)

Packaging Specifications	
<b>Weight:</b>	58.6 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	2000

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