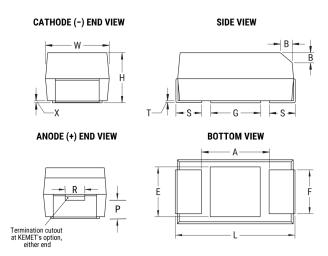


## T499C226K016ATE1K6

T499, Tantalum, MnO2 Tantalum, High Temperature, 22 uF, 10%, 16 VDC, SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200, N/A, 1.6 Ohms, 6032, Height Max = 2.8 mm



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
Α	3.1mm MIN
В	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
Р	0.9mm REF
R	1mm REF
Χ	0.1mm +/-0.1mm

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

Constitution of the	
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	224.48 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	22 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
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
Resistance	1600 mOhms (100kHz 25C)
Ripple Current	262 mA (rms, 100kHz 25C), 235.8 mA (rms, 85C), 52.4 mA (rms, 175C)
Leakage Current	3.5 uA (5min 25°C)

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