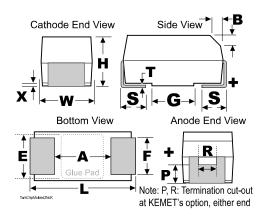
KEMET Part Number: T499A225K016ATE6K0



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



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
Α	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

Packaging Specifications		
Weight:	58.6 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	2000	

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

Specifications		
Capacitance:	2.2 uF	
Capacitance Tolerance:	10%	
Voltage DC:	16 VDC (85C), 12.44 VDC (125C), 8 VDC (175C)	
Temperature Range:	-55/+175C	
Dissipation Factor:	6%	
Failure Rate:	N/A	
Resistance:	6000 mOhms (100kHz)	
Current:	112 mAmps (25C), 100.8 mAmps (85C), 22.4 mAmps (175C)	
Leakage:	0.5 uAmps	

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