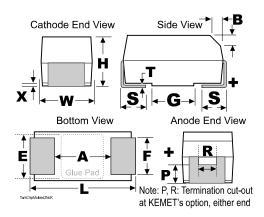
KEMET Part Number: T499A155K020ATE8K0



Tantalum, MnO2 Tantalum, High Temperature, T499, 1.5 uF, 10%, 20 V, 3216, SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200, N/A, 8 Ohms, Height Max = 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:	Automotive, 175C
RoHS:	Yes
Termination:	Tin
Approvals:	AEC-Q200
AEC-Q200:	Yes

Specifications		
Capacitance:	1.5 uF	
Capacitance Tolerance:	10%	
Voltage DC:	20 VDC (85C), 15.56 VDC (125C), 6.7 VDC (175C)	
Temperature Range:	-55/+175C	
Dissipation Factor:	6% 120Hz 20C	
Failure Rate:	N/A	
Resistance:	8000 mOhms (100kHz)	
Current:	97 mAmps (100kHz 25C), 87.3 mAmps (85C), 19.4 mAmps (175C)	
Leakage Current:	0.5 uAmps (5min 20C)	

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