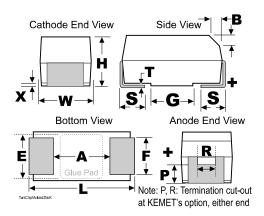
KEMET Part Number: T499C156K016ATE1K8



Tantalum, MnO2 Tantalum, High Temperature, T499, 15 uF, 10%, 16 V, 6032, SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200, N/A, 1.8 Ohms, 2.8mm



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

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
Х	0.1mm +/-0.1mm

Specifications	
Capacitance:	15 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:	1800 mOhms (100kHz)
Current:	247 mAmps (25C), 222.3 mAmps (85C), 49.4 mAmps (175C)
Leakage:	2.4 uAmps

Packaging Specifications		
Weight:	224.48 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

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