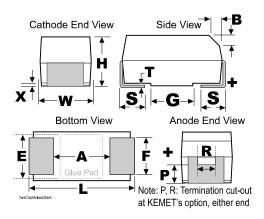
## KEMET Part Number: T499B106K016ATE3K5



T499, Tantalum, MnO2 Tantalum, High Temperature, 10 uF, 10%, 16 V, 3528, SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200, N/A, 3.5 Ohms, Height Max = 2.1mm



Dimensions		
Footprint	3528	
L	3.5mm +/-0.2mm	
W	2.8mm +/-0.2mm	
Н	1.9mm +/-0.2mm	
Т	0.13mm REF	
S	0.8mm +/-0.3mm	
F	2.2mm +/-0.1mm	
A	1.9mm MIN	
В	0.4mm +/-0.15mm	
E	2.2mm REF	
G	1.8mm REF	
Р	0.5mm REF	
R	1mm REF	
Х	0.1mm +/-0.1mm	

Packaging Specifications		
Weight:	107.45 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	2000	

General Information		
Supplier:	KEMET	
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	
Approvals:	AEC-Q200	
AEC-Q200:	Yes	

Specifications		
Capacitance:	10 uF	
Capacitance Tolerance:	10%	
Voltage DC:	16 VDC (85C), 12.44 VDC (125C), 5.3 VDC (175C)	
Temperature Range:	-55/+175C	
Rated Temperature:	85C	
Dissipation Factor:	6% 120Hz 20C	
Failure Rate:	N/A	
Resistance:	3500 mOhms (100kHz)	
Current:	156 mAmps (100kHz 25C), 140.4 mAmps (85C), 31.2 mAmps (175C)	
Leakage Current:	1.6 uA (5min 20C)	

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