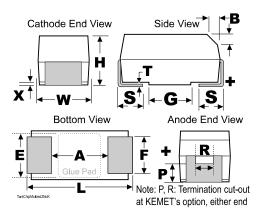
KEMET Part Number: T499B106K016ATE3K5



Capacitor, Tantalum, SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200, 10 uF, 3528, +/-10% Tol, 16 VDC (85C)



Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	3.5	+/-0.2	
W	2.8	+/-0.2	
Н	1.9	+/-0.2	
F	2.2	+/-0.1	
S	0.8	+/-0.3	
В	0.4	+/-0.15	
Х	0.1	+/-0.1	
Р	0.5	REF	
R	1	REF	
Т	0.13	REF	
A	1.1	MIN	
G	1.8	REF	
E	2.2	REF	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Quantity:	2000	

General Information		
Supplier:	KEMET	
Application:	Automotive/High Temp (AEC-Q200 Qualified)	
Sub Application:	(175C)	
Part Type Description:	SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200	
Construction:	Standard Chip-MnO2	
Body Type:	SMD Chip	
Footprint:	3528	
Weight:	107.45 mg	
Approvals:	AEC-Q200	
RoHS:	Yes	

Specifications		
Capacitance:	10 uF	
Tolerance:	+/-10%	
Voltage:	16 VDC (85C)	
Voltage:	12.44 VDC (125C)	
Voltage:	8 VDC (175C)	
Temperature Range:	-55/+175C	
Current/Ripple Current:	156 mAmps (25C)	
Current/Ripple Current:	140.4 mAmps (85C)	
Current/Ripple Current:	31.2 mAmps (175C)	
Resistance/ESR:	3500 mOhms (100kHz)	
Failure Rate:	N/A	
Leakage Current:	1.6 uA	
Dissipation Factor:	6%	

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