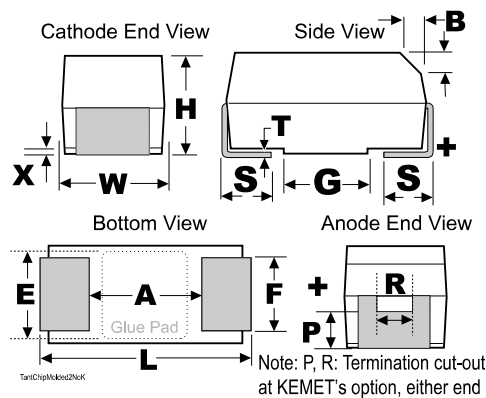


KEMET Part Number: T499B106K016ATE3K5
(T499B106K016ASE3K5)



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



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

Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
B	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
P	0.5mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Specifications	
Capacitance:	10 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:	3500 mOhms (100kHz)
Current:	156 mAmps (25C), 140.4 mAmps (85C), 31.2 mAmps (175C)
Leakage:	1.6 uAmps

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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

