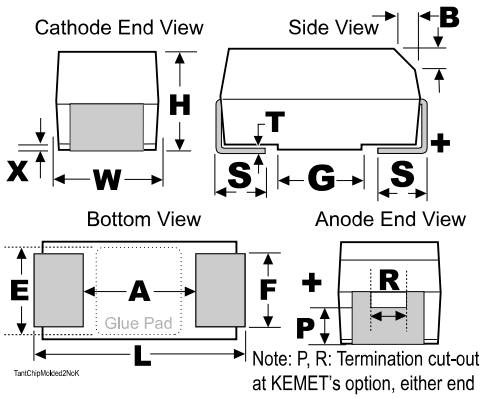
KEMET Part Number: T498B106K016ATE2K8

Tantalum, MnO2 Tantalum, High Temperature, T498, 10 uF, 10%, 16 V, 3528, SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 2.8 Ohms, Height Max = 2.1mm



General Information	
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Series:	T498
Description:	SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200
Features:	Automotive, 150C
RoHS:	Yes
Termination:	Tin
Approvals:	AEC-Q200
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), 12.75 VDC (125C), 8 VDC (150C)
Temperature Range:	-55/+150C
Dissipation Factor:	4.5% 120Hz 20C
Failure Rate:	N/A
Resistance:	2800 mOhms (100kHz)
Current:	174 mAmps (100kHz 25C), 156.6 mAmps (85C), 52.2 mAmps (150C)
Leakage Current:	1.6 uAmps (5min 20C)

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

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