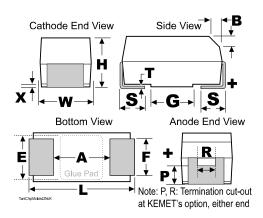
KEMET Part Number: T498A105K016ATE6K5



Tantalum, MnO2 Tantalum, High Temperature, T498, 1 uF, 10%, 16 V, 3216, SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 6.5 Ohms, 1.8mm



General Information	
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Series:	T498
Description:	SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200
Features:	High Temperature, Automotive
RoHS:	Yes
Termination:	Tin
Approvals:	AEC-Q200
AEC-Q200:	Yes

Dimensions	
Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
Н	1.6mm +/-0.2mm
Т	0.13mm REF
S	0.8mm +/-0.3mm
F	1.2mm +/-0.1mm
Α	1.2mm MIN
В	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
Р	0.4mm REF
R	0.4mm REF
Х	0.1mm +/-0.1mm

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	16 VDC (85C), 12.75 VDC (125C), 10.72 VDC (150C)
Temperature Range:	-55/+150C
Dissipation Factor:	3%
Failure Rate:	N/A
Resistance:	6500 mOhms (100kHz)
Current:	107 mAmps (25C), 96.3 mAmps (85C), 32.1 mAmps (150C)
Leakage:	0.5 uAmps

Packaging Specifications		
Weight:	58.6 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.

