

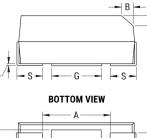
## T498B475M016ATE1K0

T498, Tantalum, MnO2 Tantalum, High Temperature, 4.7 uF, 20%, 16 VDC, SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 1 Ohms, 3528, Height Max = 2.1mm

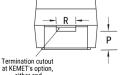
**CATHODE (-) END VIEW** 

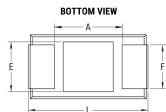


ANODE (+) END VIEW



SIDE VIEW





at	KEMET's option,	
	either end	

Click here for the 3D model.

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
А	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

т

Packaging Specifications				
Packaging	T&R, 178mm			
Packaging Quantity	2000			

General Information	
Series	T498
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200
Features	Automotive, 150C
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	107.45 mg
Shelf Life	156 Weeks
MSL	1

Specifications				
Capacitance	4.7 uF			
Capacitance Tolerance	20%			
Voltage DC	16 VDC (85C), 12.75 VDC (125C), 10.72 VDC (150C)			
Temperature Range	-55/+150°C			
Rated Temperature	85°C			
<b>Dissipation Factor</b>	4.5% 120Hz 25C			
Failure Rate	N/A			
Resistance	1000 mOhms (100kHz 25C)			
Ripple Current	292 mA (rms, 100kHz 25C), 262.8 mA (rms, 85C), 87.6 mA (rms, 150C)			
Leakage Current	0.8 uA (5min 25°C)			

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.