

## T500B475M016AG6110

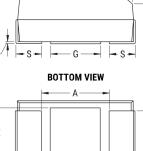
T500, Tantalum, MnO2 Tantalum, High Temperature, 4.7 uF, 20%, 16 VDC, SMD, MnO2, Molded, High Temperature, 200C, N/A, 6 Ohms, 3528, Height Max = 2.1mm

**CATHODE (-) END VIEW** 

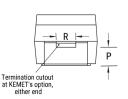
SIDE VIEW

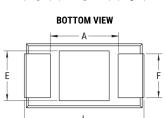
В











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 +0.1/-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

	Ran	nge	-55/+2
+/-0.2mm		Rated	0500
n +/-0.2mm	Ten	Temperature	85°C
n +/-0.2mm	Hur	nidity	85C, 8
REF		sipation Factor	6% 120
n +0.1/-0.3mm	Fail	ure Rate	N/A
+/-0.1mm		sistance	6000
MIN	Rip	Ripple Current	

General Information		
Т500		
MnO2 Tantalum		
SMD Chip		
SMD, MnO2, Molded, High Temperature, 200C		
200C		
Yes		
Gold		
No		
156 Weeks		
1		

Specifications	
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Capacitance	4.7 uF
Capacitance Tolerance	20%
Voltage DC	16 VDC (85C), 12.8 VDC (125C), 6.4 VDC (200C)
Temperature Range	-55/+200°C
Rated Temperature	85°C
Humidity	85C, 85% RH, 0 V, 1000 Hours
<b>Dissipation Factor</b>	6% 120Hz 25C
Failure Rate	N/A
Resistance	6000 mOhms (100kHz 25C)
Ripple Current	119 mA (rms, 100kHz 25C), 48 mA (rms, 100kHz 125C), 12 mA (rms, 100kHz 200C)
Leakage Current	0.8 uA (5min 25°C)

Packaging Specifications			
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.

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>>KEMET(基美)