

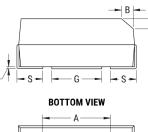
T502B106M016AG62107280

T502, Tantalum, MnO2 Tantalum, High Temperature, 10 uF, 20%, 16 VDC, SMD, MnO2, Un-Encapsulated, High Temperature, 230C, N/A, 2.8 Ohms, 3528, Height Max = 2.1mm

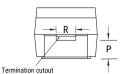
CATHODE (-) END VIEW

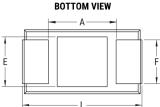


ANODE (+) END VIEW



SIDE VIEW





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	either en	'n

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

Packaging Specifications				
Packaging	T&R, 330mm			
Packaging Quantity	8000			

General Information			
Series	T502		
Dielectric	MnO2 Tantalum		
Style	SMD Chip		
Description	SMD, MnO2, Un-Encapsulated, High Temperature, 230C		
Features	230C		
RoHS	Yes		
Termination	Gold		
AEC-Q200	No		
Component Weight	63 mg		
Shelf Life	156 Weeks		
MSL	1		

Specifications				
Capacitance	10 uF			
Capacitance Tolerance	20%			
Voltage DC	16 VDC (85C), 13.1 VDC (125C), 5.3 VDC (230C)			
Temperature Range	-55/+230°C			
Rated Temperature	85°C			
Humidity	85C, 85% RH, 0 V, 500 Hours			
Dissipation Factor	6% 120Hz 25C			
Failure Rate	N/A			
Resistance	2.8 Ohms (100kHz 25C)			
Ripple Current	174 mA (rms, 100kHz 45C)			
Leakage Current	1.6 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.