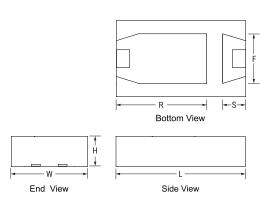
## KEMET Part Number: T528Z227M006ATE009



T528, Tantalum, Polymer Tantalum, Reduced Volume, 220 uF, 20%, 6.3 VDC, SMD, Polymer, Low ESR, NonCombustible, Face Down, 9 mOhms, 7343, Height Max = 1.7mm



Dimensions		
Footprint	7343	
L	7.3mm +/-0.4mm	
W	4.3mm +/-0.3mm	
Н	1.6mm +/-0.1mm	
S	1.3mm +/-0.2mm	
F	2.8mm +/-0.2mm	
R	5mm +/-0.4mm	

Packaging Specifications		
Packaging:	T&R, 178mm	
Packaging Quantity:	1000	

General Information		
Series:	T528	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Low ESR, NonCombustible, Face Down	
Features:	Face Down, Low ESR	
RoHS:	Yes	
Termination:	Tin	
AEC-Q200:	No	
Component Weight:	206.33 mg	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications		
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Capacitance:	220 uF	
Capacitance Tolerance:	20%	
Voltage DC:	6.3 VDC (105C)	
Temperature Range:	-55/+105°C	
Rated Temperature:	105°C	
Humidity:	60C, 90% RH, no load, 500 Hours	
Dissipation Factor:	10% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	9 mOhms (100kHz 25C)	
Ripple Current:	6000 mA (rms, 100kHz 45C), 4200 mA (rms, 85C), 1500 mA (rms, 105C)	
Leakage Current:	138.6 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.



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