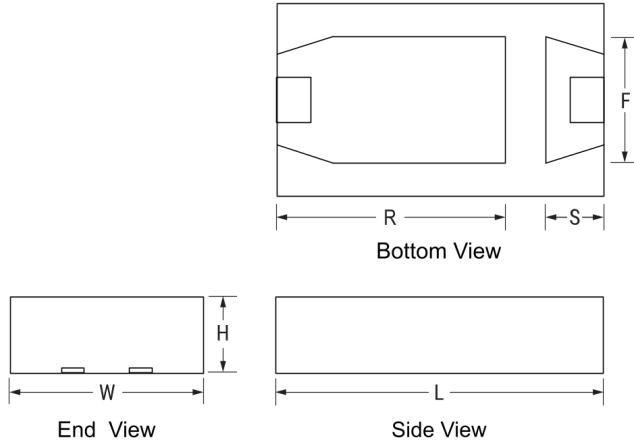


T528Z227M006ATE009

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



Click [here](#) for the 3D model.

Dimensions

Footprint	7343
L	7.3mm +/-0.4mm
W	4.3mm +/-0.3mm
H	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

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.