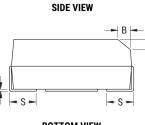


T591B227M006ATE070

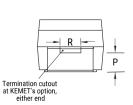
T591, Tantalum, Polymer Tantalum, 220 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Low ESR, 70 mOhms, 3528, Height Max = 2.1mm

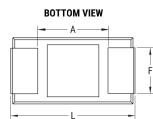
CATHODE (-) END VIEW











General Information			
Series	T591		
Dielectric	Polymer Tantalum		
Style	SMD Chip		
Description	SMD, Polymer, Molded, Low ESR		
Features	Automotive		
RoHS	Yes		
Termination	Tin		
Qualifications	AEC-Q200 (Limited 500 Hrs 85C/85% RH/Ur)		
AEC-Q200	Subject to PPAP/PSW and change control		
Component Weight	94.9 mg		
Shelf Life	52 Weeks		
MSL	3		

Specifications	
Capacitance	220 uF
Capacitance Tolerance	20%
Voltage DC	6.3 VDC (105C), 3.78 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Humidity	85C, 85% RH, load, 500 Hours
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
Resistance	70 mOhms (100kHz 25C)
Ripple Current	1390 mA (rms, 100kHz 45C), 973 mA (rms, 105C), 347.5 mA (rms, 125C)
Leakage Current	139 uA (5min 25°C)

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
A	1.1mm MIN
В	0.4mm +/-0.15mm
Р	0.5mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

T-

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.