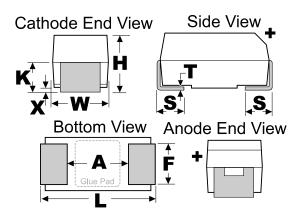
KEMET Part Number: T591V227M2R5ATE009



Tantalum, Polymer Tantalum, T591, 220 uF, 20%, 2.5 V, 7343, SMD, Polymer, Molded, Low ESR, 9 mOhms, Height Max = 2mm



Dimensions		
Footprint	7343	
L	7.3mm +/-0.3mm	
W	4.3mm +/-0.3mm	
Н	1.9mm +/-0.1mm	
Т	0.13mm REF	
S	1.3mm +/-0.3mm	
F	2.4mm +/-0.1mm	
Α	3.8mm MIN	
Х	0.5mm REF	

Packaging Specifications		
Weight:	274.3 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	1000	

General Information		
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Series:	T591	
Description:	SMD, Polymer, Molded, Low ESR	
Features:	Automotive	
RoHS:	Yes	
Termination:	Tin	
Approvals:	AEC-Q200 (limited 500h 85C/85% RH/Ur)	
AEC-Q200:	Yes	

Specifications		
Capacitance:	220 uF	
Capacitance Tolerance:	20%	
Voltage DC:	2.5 VDC (105C)	
Temperature Range:	-55/+105C	
Dissipation Factor:	10% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	9 mOhms (100kHz 25C)	
Current:	4558 mAmps (100kHz 45C), 4102.2 mAmps (85C), 1823.2 mAmps (105C)	
Leakage Current:	55 uAmps (5min 25C)	

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.

