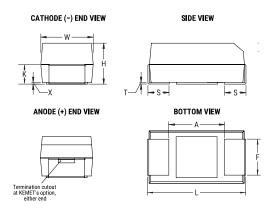
KEMET Part Number: T591V337M2R5ATE012



T591, Tantalum, Polymer Tantalum, 330 uF, 20%, 2.5 VDC, SMD, Polymer, Molded, Low ESR, 12 mOhms, 7343, 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	
A	3.8mm MIN	
Х	0.5mm REF	

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

General Information		
Supplier:	KEMET	
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:	No	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications	
Capacitance:	330 uF
Capacitance Tolerance:	20%
Voltage DC:	2.5 VDC (105C), 1.68 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	105°C
Humidity:	85C, 85% RH, load, 500 Hours
Dissipation Factor:	10.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	12 mOhms (100kHz 25C)
Ripple Current:	3947 mA (100kHz 45C), 3552.3 mA (85C), 986.8 mA (125C)
Leakage Current:	82.5 uA (5min 25C)

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