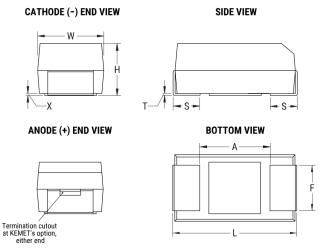


T591V337M2R5ATE025

T591, Tantalum, Polymer Tantalum, 330 uF, 20%, 2.5 VDC, SMD, Polymer, Molded, Low ESR, 25 mOhms, 7343, Height Max = 2mm



Click here for the 3D model.

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
X	0.05mm REF

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

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	274.3 mg
Shelf Life	52 Weeks
MSL	3

Specifications	
Capacitance	330 uF
Capacitance Tolerance	20%
Voltage DC	2.5 VDC (105C), 1.5 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Humidity	85C, 85% RH, load, 500 Hours
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
Resistance	25 mOhms (100kHz 25C)
Ripple Current	4000 mA (rms, 100kHz 45C), 2800 mA (rms, 105C), 1000 mA (rms, 125C)
Leakage Current	82.5 uA (5min 25°C)

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