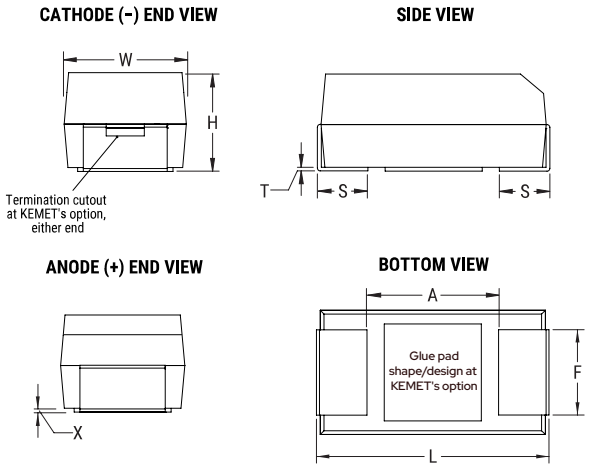
T591V337M2R5ATE009

T591, Polymer, Polymer Tantalum, 330 uF, 20%, 2.5 VDC, SMD, Polymer, Molded, Low ESR, 9 mOhms, 2 mm, 2817 / 7343



Click here for the 3D model.

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)
Typical Component Weight	274.3 mg
Shelf Life	52 Weeks
MSL	3

Dimensions	
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	1.9mm +/-0.1mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
X	0.05mm REF

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

Specifications	
Capacitance	330 uF
Tolerance	20%
Voltage DC	2.5 VDC (105C), 1.68 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
ESR	9 mOhms (100kHz 25C)
Ripple Current	6670 mA (rms, 100kHz 45C), 4669 mA (rms, 105C), 1667.5 mA (rms, 125C)
Leakage Current	82.5 uA (5min 25°C)

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