

T591X477M006ATE025

T591, Tantalum, Polymer Tantalum, 470 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Low ESR, 25 mOhms, 7343, Height Max = 4.3mm

CATHODE (-) END VIEW SIDE VIEW ANODE (+) END VIEW BOTTOM VIEW Termination cutout at KEMET's option, either end

Click	here	for	the	3D	mode	١.
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Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	4mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
Α	3.6mm MIN
В	0.5mm +/-0.15mm
Р	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications	,
Packaging	T&R, 178mm
Packaging Quantity	500

T591
Polymer Tantalum
SMD Chip
SMD, Polymer, Molded, Low ESR
Automotive
Yes
Tin
AEC-Q200 (Limited 500 Hrs 85C/85% RH/Ur)
Subject to PPAP/PSW and change control
554 mg
52 Weeks
3

Specifications	
Capacitance	470 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	10% 120Hz 25C
Failure Rate	N/A
Resistance	25 mOhms (100kHz 25C)
Ripple Current	4470 mA (rms, 100kHz 45C), 3129 mA (rms, 105C), 1117.5 mA (rms, 125C)
Leakage Current	296 uA (5min 25°C)

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