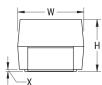


## T520V157M006ATE018

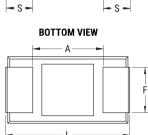
T520, Tantalum, Polymer Tantalum, 150 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 18 mOhms, 7343, Height Max = 1.9mm

CATHODE (-) END VIEW



ANODE (+) END VIEW BO





SIDE VIEW

For T520 Series, bevel is at KEMET's option

Termination cutout at KEMET's option,	
either end	

Click here for the 3D model.

Dimensions	Ê
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	1.8mm +/-0.1mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
А	3.6mm MIN
Х	0.05mm REF

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

General Information	
Series	T520
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible
Features	Low ESR
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	274.3 mg
Shelf Life	52 Weeks
MSL	3

Specifications	
Capacitance	150 uF
Capacitance Tolerance	20%
Voltage DC	6.3 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Life	2000 Hrs (105C)
Humidity	60C, 90% RH, 500 Hours, No Load
<b>Dissipation Factor</b>	10% 120Hz 25C
Failure Rate	N/A
Resistance	18 mOhms (100kHz 25C)
Ripple Current	3200 mA (rms, 100kHz 45C), 2240 mA (rms, 85C), 800 mA (rms, 105C)
Leakage Current	94.5 uA (5min 25°C)

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