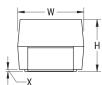


T520V156M025ATE090

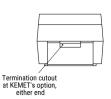
Not for New Design

T520, Tantalum, Polymer Tantalum, 15 uF, 20%, 25 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 90 mOhms, 7343, Height Max = 1.9mm

CATHODE (-) END VIEW



ANODE (+) END VIEW B



Click here for the 3D model.

Dimensions

Footprint L

W

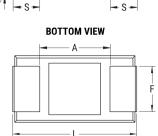
Н

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S

F

A X



SIDE VIEW

For T520 Series, bevel is at KEMET's option

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	
Miscellaneous	Not recommended for new designs. Please use the T521 series instead.	
Shelf Life	52 Weeks	
MSL	3	

37.5 uA (5min 25°C)

Specifications	
Capacitance	15 uF
Capacitance Tolerance	20%
Voltage DC	25 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Life	2000 Hrs (105C)
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
Resistance	90 mOhms (100kHz 25C)
Ripple Current	1400 mA (rms, 100kHz 45C), 980 mA (rms, 85C), 350 mA (rms, 105C)

Leakage Current

Packaging SpecificationsPackagingT&R, 178mmPackaging Quantity1000

7343

7.3mm +/-0.3mm

4.3mm +/-0.3mm

1.8mm +/-0.1mm

1.3mm +/-0.3mm

2.4mm +/-0.1mm 3.6mm MIN

0.13mm REF

0.05mm REF

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