

## T521V107M016ATI050

T521, Tantalum, Polymer Tantalum, 100 uF, 20%, 16 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 50 mOhms, 7343, 2mm

## Termination cutout at KEMET's option, either end ANODE (+) END VIEW BOTTOM VIEW Glue pad shape/design at KEMET's option

Click	horo	for	the	3D	model

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	1.8mm +/-0.2mm
Т	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	

General Information	
Series	T521
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Low ESR, Non- Combustible
Features	Low ESR, High Voltage
RoHS	Yes
Termination	Tin
AEC-Q200	No
Typical Component Weight	274.3 mg
Shelf Life	52 Weeks
MSL	3

Specifications	
Capacitance	100 uF
Capacitance Tolerance	20%
Voltage DC	16 VDC (105C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Life	2000 Hrs (125C)
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
Resistance	50 mOhms (100kHz 25C)
Ripple Current	2320 mA (rms, 100kHz 45/85C), 1624 mA (rms, 105C), 580 mA (rms, 125C)
Leakage Current	48 uA (5min 25°C)

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