

## T523V107M025APE070

T523, Tantalum, Polymer Tantalum, Reduced Volume, 100 uF, 20%, 25 VDC, SMD, Polymer, Molded, Face Down Terminals, 70 mOhms, 7343, Height Max = 2mm



Click [here](#) for the 3D model.

### Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	1.9mm +/-0.1mm
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	1000

### General Information

Series	T523
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Face Down Terminals
Features	Face Down
RoHS	Yes
Termination	Nickel Palladium Gold
AEC-Q200	No
Component Weight	274.3 mg
Shelf Life	52 Weeks
MSL	4

### Specifications

Capacitance	100 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	70 mOhms (100kHz 25C)
Ripple Current	2420 mA (rms, 100kHz 45C), 1694 mA (rms, 85C), 605 mA (rms, 105C)
Leakage Current	250 uA (5min 25°C)

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