

T523W157M016APE050

T523, Tantalum, Polymer Tantalum, Reduced Volume, 150 uF, 20%, 16 VDC, SMD, Polymer, Molded, Face Down Terminals, 50 mOhms, 7343, Height Max = 1.5mm



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

Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	1.4mm +/-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	222.95 mg
Shelf Life	52 Weeks
MSL	3

Specifications

Capacitance	150 uF
Capacitance Tolerance	20%
Voltage DC	16 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	50 mOhms (100kHz 25C)
Ripple Current	2820 mA (rms, 100kHz 45C), 1974 mA (rms, 85C), 705 mA (rms, 105C)
Leakage Current	240 uA (5min 25°C)

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