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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
Typical Component Weight	54.84 mg
Shelf Life	52 Weeks
MSL	3

Specifications

Capacitance	150 uF
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
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
ESR	30 mOhms (100kHz 25C)
Ripple Current	1870 mA (rms, 100kHz 45C), 1309 mA (rms, 85C), 467.5 mA (rms, 105C)
Leakage Current	94.5 uA (5min 25°C)

Dimensions

L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.1mm +/-0.1mm
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	3000

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