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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	384.64 mg
Shelf Life	52 Weeks
MSL	3

**Specifications**

Capacitance	220 uF
Tolerance	20%
Voltage DC	16 VDC (85C)
Temperature Range	-55/+85°C
Rated Temperature	85°C
Life	2000 Hrs (85C)
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	70 mOhms (100kHz 25C)
Ripple Current	2510 mA (rms, 100kHz 45C), 1757 mA (rms, 85C)
Leakage Current	352 uA (5min 25°C)

**Dimensions**

L	7.3mm +/-0.3mm
W	6mm +/-0.3mm
H	1.9mm +/-0.1mm
S	1.6mm +/-0.3mm
F	4.45mm +/-0.1mm

**Packaging Specifications**

Packaging	T&R, 178mm
Packaging Quantity	1000

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