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**General Information**

Series	T527
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Face Down Terminals
Features	Face Down, Low Profile, Low ESR
RoHS	Yes
Termination	Nickel Palladium Gold
Typical Component Weight	54.84 mg
Shelf Life	52 Weeks
MSL	3

**Specifications**

Capacitance	330 uF
Tolerance	20%
Voltage DC	2.5 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
ESR	20 mOhms (100kHz 25C)
Ripple Current	1936 mA (rms, 100kHz 45C), 1355.2 mA (rms, 85C), 484 mA (rms, 105C)
Leakage Current	82.5 uA (5min 25°C)

**Dimensions**

L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.1mm +/-0.1mm
S	0.7mm +/-0.2mm
F	2.2mm +/-0.1mm

**Packaging Specifications**

Packaging	T&R, 178mm
Packaging Quantity	3000

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