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General Information

Series	T529
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Substrate
Features	Substrate
RoHS	Yes
Termination	Gold
AEC-Q200	No
Typical Component Weight	70.12 mg
Shelf Life	52 Weeks
MSL	3

Dimensions

L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	0.9mm +/-0.1mm
S	0.8mm +/-0.2mm
F	1.2mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	3000

Specifications

Capacitance	150 uF
Tolerance	20%
Voltage DC	6.3 VDC (85C), 5.04 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	85°C
Life	2000 Hrs (105C)
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	200 mOhms (100kHz 25C)
Ripple Current	548 mA (rms, 100kHz 45C), 493.2 mA (rms, 85C), 219.2 mA (rms, 105C)
Leakage Current	283.5 uA (5min 25°C)

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