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General Information

Series	T528
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Low ESR, NonCombustible, Face Down
Features	Face Down, Low ESR
RoHS	Yes
Termination	Nickel Palladium Gold
Typical Component Weight	94.85 mg
Shelf Life	52 Weeks
MSL	3

Dimensions

L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.1mm
S	0.8mm +/-0.3mm
S1	0.8mm +/-0.3mm
F	2.2mm +/-0.2mm

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000

Specifications

Capacitance	270 uF
Tolerance	20%
Voltage DC	2 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Humidity	60C, 90% RH, no load, 500 Hours
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
ESR	9 mOhms (100kHz 25C)
Ripple Current	3200 mA (rms, 100kHz 45C), 2240 mA (rms, 85C), 800 mA (rms, 105C)
Leakage Current	54 uA (5min 25°C)

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