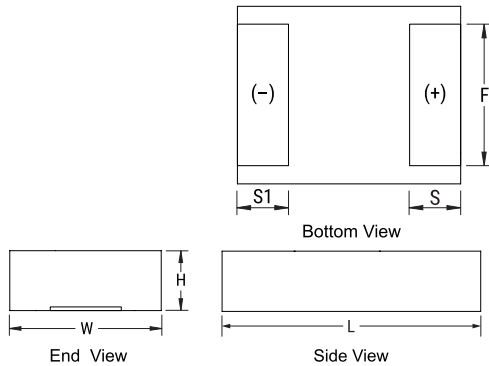


T528, Tantalum, Polymer Tantalum, Reduced Volume, 270 uF, 20%, 2 VDC, SMD, Polymer, Low ESR, NonCombustible, Face Down, 6 mOhms, 3528, Height Max = 2mm



Dimensions	
Footprint	3528
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

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
AEC-Q200:	No
Component Weight:	94.85 mg
Shelf Life:	52 Weeks
MSL:	3

Specifications	
Capacitance:	270 uF
Capacitance 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
Resistance:	6 mOhms (100kHz 25C)
Ripple Current:	3900 mA (rms, 100kHz 45C), 2730 mA (rms, 85C), 975 mA (rms, 105C)
Leakage Current:	54 uA (5min 25°C)

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