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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	Tin
Typical Component Weight	206.33 mg
Shelf Life	52 Weeks
MSL	3

**Dimensions**

L	7.3mm +/-0.4mm
W	4.3mm +/-0.3mm
H	1.6mm +/-0.1mm
S	1.3mm +/-0.2mm
F	2.8mm +/-0.2mm
R	5mm +/-0.4mm

**Packaging Specifications**

Packaging	T&R, 178mm
Packaging Quantity	1000

**Specifications**

Capacitance	330 uF
Tolerance	20%
Voltage DC	2.5 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Humidity	60C, 90% RH, no load, 500 Hours
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	7 mOhms (100kHz 25C)
Ripple Current	6800 mA (rms, 100kHz 45C), 4760 mA (rms, 85C), 1700 mA (rms, 105C)
Leakage Current	82.5 uA (5min 25°C)

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