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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	150 uF
Tolerance	20%
Voltage DC	6.3 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	12 mOhms (100kHz 25C)
Ripple Current	5200 mA (rms, 100kHz 45C), 3640 mA (rms, 85C), 1300 mA (rms, 105C)
Leakage Current	94.5 uA (5min 25°C)

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