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General Information

Series	T530
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Multiple Anodes, Low ESR
Features	Low ESR
RoHS	Yes
Termination	Tin
Typical Component Weight	307.51 mg
Shelf Life	52 Weeks
MSL	3

Specifications

Capacitance	150 uF
Tolerance	20%
Voltage DC	10 VDC (105C), 6.7 VDC (125C)
Temperature Range	-55/ +125°C
Rated Temperature	105°C
Life	2000 Hrs (125C)
Humidity	60C, 90% RH, 1000 Hours, No Load
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
ESR	5 mOhms (100kHz 25C)
Ripple Current	7100 mA (rms, 100kHz 45C), 4970 mA (rms, 85C), 1775 mA (rms, 125C)
Leakage Current	150 uA (5min 25°C)

Dimensions

L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2.8mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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