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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	410.89 mg
Shelf Life	52 Weeks
MSL	3

**Dimensions**

L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-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	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

**Packaging Specifications**

Packaging	T&R, 178mm
Packaging Quantity	500

**Specifications**

Capacitance	330 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	7300 mA (rms, 100kHz 45C), 5110 mA (rms, 85C), 1825 mA (rms, 125C)
Leakage Current	330 uA (5min 25°C)

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