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**General Information**

Series	T545
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Low Profile, HiEnergyDensity
Features	Low ESR
RoHS	Yes
Termination	Tin
Typical Component Weight	366.62 mg
Shelf Life	52 Weeks
MSL	3

**Dimensions**

L	7.3mm +/-0.3mm
W	6mm +/-0.3mm
H	1.9mm +/-0.1mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	4.1mm +/-0.1mm
A	3.3mm MIN
X	0.1mm +/-0.1mm REF

**Packaging Specifications**

Packaging	T&R, 178mm
Packaging Quantity	1000

**Specifications**

Capacitance	180 uF
Tolerance	20%
Voltage DC	16 VDC (85C)
Temperature Range	-55/+85°C
Rated Temperature	85°C
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	20% 120Hz 25C
Failure Rate	N/A
ESR	55 mOhms (100kHz 25C)
Ripple Current	1800 mA (rms, 100kHz 45C), 1337 mA (rms, 85C)
Leakage Current	288 uA (5min 25°C)

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