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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	222.94 mg
Shelf Life	52 Weeks
MSL	3

Dimensions

L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	1.4mm +/-0.1mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
X	0.05mm REF

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	1000

Specifications

Capacitance	470 uF
Tolerance	20%
Voltage DC	6.3 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	35 mOhms (100kHz 25C)
Ripple Current	2270 mA (rms, 100kHz 45C), 1589 mA (rms, 85C), 567.5 mA (rms, 105C)
Leakage Current	296.1 uA (5min 25°C)

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