

T543T107M006ATS070

T543 HRA, Tantalum, Polymer Tantalum, HRA, 100 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, High Reliability, Low Profile, Up Screen, N/A, 70 mOhms, 3528, Height Max = 1.2mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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Dimensions

Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.1mm +/-0.1mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
E	2.2mm REF
G	1.8mm REF
X	0.05mm REF

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	3000

General Information

Series	T543 HRA
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, High Reliability, Low Profile, Up Screen
Features	Non-Combustible, Low Profile, Up Screening, Low ESR, High Reliability
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	59.38 mg
Shelf Life	52 Weeks
MSL	3

Specifications

Capacitance	100 uF
Capacitance Tolerance	20%
Voltage DC	6.3 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Humidity	60C, 90% RH, 500 Hours
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
Resistance	70 mOhms (100kHz)
Ripple Current	1225 mA (rms, 100kHz 45C)
Leakage Current	63 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At +25C

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