

## T543B106M025ATS100

T543 HRA, Tantalum, Polymer Tantalum, HRA, 10 uF, 20%, 25 VDC, SMD, Polymer, Molded, High Reliability, Up Screening, N/A, 100 mOhms, 3528, Height Max = 2.1mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



Click [here](#) for the 3D model.

### Dimensions

Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
B	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
P	0.5mm REF
R	1mm REF
X	0.1mm +/-0.1mm

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000

### General Information

Series	T543 HRA
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, High Reliability, Up Screening
Features	Non-Combustible, Up Screening, Low ESR, High Reliability
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	98.3 mg
Shelf Life	52 Weeks
MSL	3

### Specifications

Capacitance	10 uF
Capacitance Tolerance	20%
Voltage DC	25 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Humidity	60C, 90% RH, 500 Hours
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
Resistance	100 mOhms (100kHz)
Ripple Current	1127 mA (rms, 100kHz 45C)
Leakage Current	25 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At +25C

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