

T543 HRA, Tantalum, Polymer Tantalum, HRA, 100 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, High Reliability, Up Screening, N/A, 25 mOhms, 3528, Height Max = 2.1mm



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	
Weight:	98.3 mg
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
Notes:	In Polarity Stripe, At KEMET's Option, Type May Be Indicated: No Symbol = Standard (Or Low Leakage) MnO2 Tantalum Chip, O = LowESR T494, R = Low ESR T495, F = Fused T496, HT = 150C Rated T498 (or B45196P, B45198P), H = 175C rated T499, M = Multiple Anode
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:	25 mOhms (100kHz)
Ripple Current:	2254 mA (rms, 100kHz 45C)
Leakage Current:	63 uA (5min 25°C)
Testing and Reliability:	10 Cycles Surge Current Testing At -55C And +85C

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