

T540 HRA, Tantalum, Polymer Tantalum, HRA, 100 uF, 20%, 10 VDC, SMD, Polymer, Molded, High Reliability, N/A, 25 mOhms, 7343, Height Max = 3.1mm



Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2.8mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications	
Weight:	352.36 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information	
Series:	T540 HRA
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, High Reliability
Features:	Non-Combustible, 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:	10 VDC (105C), 6.7 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	105°C
Humidity:	60C, 90% RH, 500 Hours, rated voltage
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	25 mOhms (100kHz 25C)
Ripple Current:	3000 mA (rms, 100kHz 45C)
Leakage Current:	100 uA (5min 25°C)
Testing and Reliability:	4 Cycles At +25C +/-5C Before Voltage Aging

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