

T543D337K006ATW040

T543 HRA, Tantalum, Polymer Tantalum, HRA, 330 uF, 10%, 6.3 VDC, SMD, Polymer, Molded, High Reliability, Up Screening, N/A, 40 mOhms, 7343, Height Max = 3.1mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



Termination cutout at KEMET's option, either end

BOTTOM VIEW



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

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	352.36 mg
Shelf Life	52 Weeks
MSL	3

Specifications

Capacitance	330 uF
Capacitance Tolerance	10%
Voltage DC	6.3 VDC (105C), 4.22 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Humidity	60C, 90% RH, 500 Hours
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
Resistance	40 mOhms (100kHz)
Ripple Current	2372 mA (rms, 100kHz 45C)
Leakage Current	207.9 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C

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

Packaging	T&R, 178mm
Packaging Quantity	500

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