

T543X337M010AHW010

T543 HRA, Tantalum, Polymer Tantalum, HRA, 330 uF, 20%, 10 VDC, SMD, Polymer, Molded, Up Screening, N/A, 10 mOhms, 7343, 4.3 mm, 1.3 mm

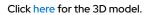
CATHODE (-) END VIEW W

Ĥ P-Termination cutout at KEMET's option, either end

ANODE (+) END VIEW

ΗB - S -- |- S-— G -BOTTOM VIEW A pad shape/design at KEMET's option

SIDE VIEW



General Information	
Series	T543 HRA
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Up Screening
Features	Non-Combustible, Low ESR, High Reliability
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /
SCIP Number	b064b03e-bd75-42af-b342-1fe 94dec2340
Termination	Tin Lead (SnPb)
AEC-Q200	No
Typical Component Weight	588.16 mg
Shelf Life	52 Weeks
MSL	3

Dimensions	
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
н	4mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
Α	3.8mm MIN
В	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
Р	1.7mm REF
R	1mm REF
х	0.1mm +/-0.1mm REF

Typical Component Weight	588.16 mg
Shelf Life	52 Weeks
MSL	3
Specifications	
Capacitance	330 uF
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
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	10 mOhms (100kHz)

Rated Temperature	105°C
Humidity	60C, 90% RH, 500 Hours
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	10 mOhms (100kHz)
Ripple Current	4970 mA (rms, 100kHz 45C)
Leakage Current	330 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C

Packaging Specifications T&R, 178mm Packaging 500 Packaging Quantity

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute – and we specifically disclaim – any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.