

## T543D337K006AHW040

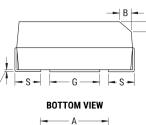
**General Information** 

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

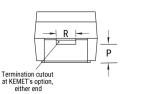
CATHODE (-) END VIEW

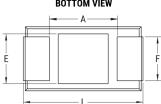


ANODE (+) END VIEW



SIDE VIEW





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	A WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.	
SCIP Number	b064b03e-bd75-42af-b342-1fe94dec2340	
Termination	Solder Coated	
AEC-Q200	No	
Component Weight	352.36 mg	
Shelf Life	52 Weeks	
MSL	3	

Click here for the 3D model.

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	2.8mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
А	3.8mm MIN
В	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

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	Shell Life	52 110	CCKS	
	MSL	3		_
	Specifications			ļ
	Capacitance		330 uF	
	Capacitance Tolerance		10%	
	Voltage DC		6.3 VDC (105C), 4.22 VDC (125C)	
	Temperature Range	e	-55/+125°C	
	Rated Temperature	•	105°C	
	Humidity		60C, 90% RH, 500 Hours	
	<b>Dissipation Factor</b>		10% 120Hz 25C	
	Failure Rate		N/A	
	Resistance		40 mOhms (100kHz)	
	<b>Ripple Current</b>		2372 mA (rms, 100kHz 45C)	
	Leakage Current		207.9 uA (5min 25°C)	

And +85C

10 Cycles Surge Current Testing At -55C

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

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.

Testing and

Reliability