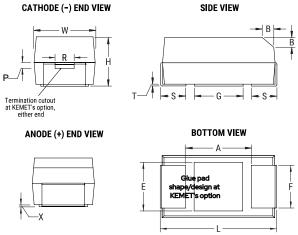


## T543B107M006ATW025

T543~HRA, Tantalum, Polymer~Tantalum, HRA, 100~uF, 20%, 6.3~VDC, SMD, Polymer, Molded, Up~Screening, N/A, 25~mOhms, 3528, 2.1mm





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Click here for the 3D model.		
		MS
Dimensions		Sp
Footprint	3528	Ca
L	3.5mm +/-0.2mm	Ca
W	2.8mm +/-0.2mm	Vo
Н	1.9mm +/-0.2mm	Те
Т	0.13mm REF	Ra
S	0.8mm +/-0.3mm	Н
F	2.2mm +/-0.1mm	Dis
Α	1.9mm MIN	Fa
В	0.4mm +/-0.15mm	ES
E	2.2mm REF	Rip

1.8mm REF

0.5mm REF

0.1mm +/-0.1mm REF

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	2000

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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	Yes
Termination	Tin
AEC-Q200	No
Typical Component Weight	98.3 mg
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
ESR	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

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.

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