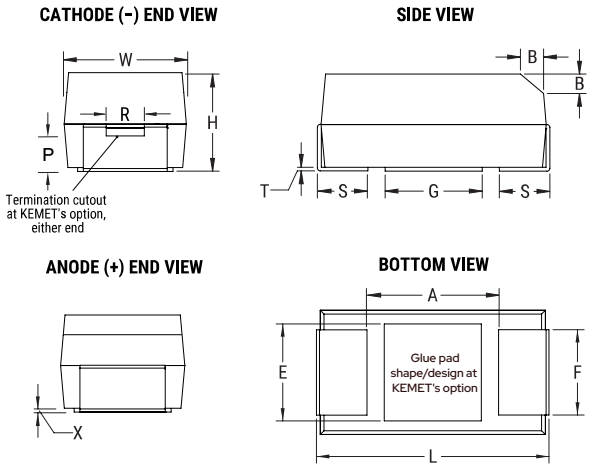
T543C686M006ATS100

T543 HRA, Tantalum, Polymer Tantalum, HRA, 68 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Up Screening, N/A, 100 mOhms, 2.8 mm, 2312 / 6032



Click here for the 3D model.

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
Typical Component Weight	193.46 mg
Shelf Life	52 Weeks
MSL	3

Dimensions	
L	6mm +/-0.3mm
W	3.2mm +/-0.2mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	3.1mm MIN
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

Specifications	
Capacitance	68 uF
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	100 mOhms (100kHz)
Ripple Current	1285 mA (rms, 100kHz 45C)
Leakage Current	42.8 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At +25C +/-5C

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

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