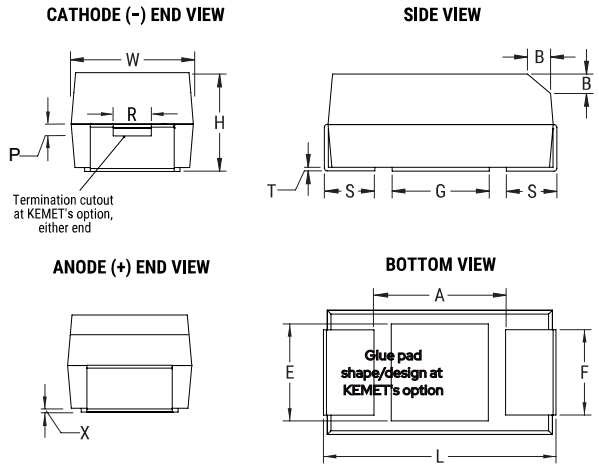
T543C107K010AHW025

T543 HRA, Tantalum, Polymer Tantalum, HRA, 100 uF, 10%, 10 VDC, SMD, Polymer, Molded, Up Screening, N/A, 25 mOhms, 6032, 2.8 mm, 1.3 mm



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	No
Prop 65	**WARNING:** Cancer and reproductive harm - https://www.p65warnings.ca.gov/ .
SCIP Number	b064b03e-bd75-42af-b342-1fe94dec2340
Termination	Tin Lead (SnPb)
AEC-Q200	No
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	100 uF
Tolerance	10%
Voltage DC	10 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	2569 mA (rms, 100kHz 45C)
Leakage Current	100 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C

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