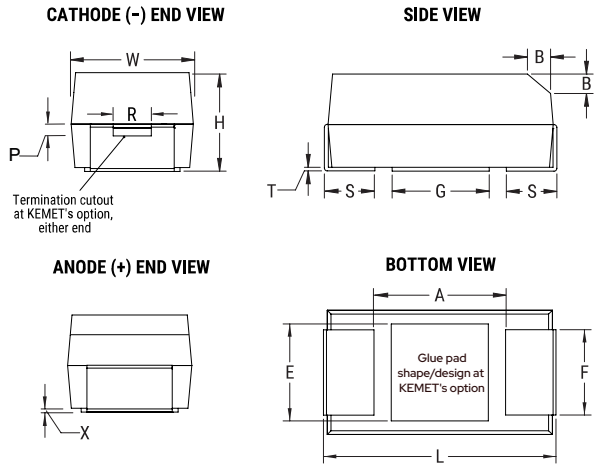
T543D106K050ATW090

T543 HRA, Tantalum, Polymer Tantalum, HRA, 10 uF, 10%, 50 VDC, SMD, Polymer, Molded, Up Screening, N/A, 90 mOhms, 3.1 mm, 1.3 mm, 2817 / 7343



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
AEC-Q200	No
Typical Component Weight	352.36 mg
Shelf Life	52 Weeks
MSL	3

Dimensions	
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2.8mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

Specifications	
Capacitance	10 uF
Tolerance	10%
Voltage DC	50 VDC (105C), 33.5 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	90 mOhms (100kHz)
Ripple Current	1581 mA (rms, 100kHz 45C)
Leakage Current	50 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

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