

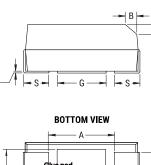
T543B476M010ATW070

T543 HRA, Tantalum, Polymer Tantalum, HRA, 47 uF, 20%, 10 VDC, SMD, Polymer, Molded, Up Screening, N/A, 70 mOhms, 3528, 2.1 mm, 0.8 mm

CATHODE (-) END VIEW



ANODE (+) END VIEW



SIDE VIEW



Click here for the 3D model.

Dimensions	
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
н	1.9mm +/-0.2mm
т	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
В	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
Р	0.5mm REF
R	1mm REF
х	0.1mm +/-0.1mm REF

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

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	47 uF
Tolerance	20%
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	70 mOhms (100kHz)
Ripple Current	1347 mA (rms, 100kHz 45C)
Leakage Current	47 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C

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