

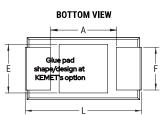
T543D477K006AHW015

T543 HRA, Tantalum, Polymer Tantalum, HRA, 470 uF, 10%, 6.3 VDC, SMD, Polymer, Molded, Up Screening, N/A, 15 mOhms, 7343, 3.1 mm, 1.3 mm

CATHODE (-) END VIEW SIDE VIEW W Ĥ - S -- |- s — G -Termination cutout at KEMET's option, either end ANODE (+) END VIEW



P-



ΗB

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-b342-1fe 94dec2340
Termination	Tin Lead (SnPb)
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
н	2.8mm +/-0.3mm
т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
В	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm REF

Specifications	
Capacitance	470 uF
Tolerance	10%
Voltage DC	6.3 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Humidity	60C, 90% RH, 500 Hours
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	15 mOhms (100kHz)
Ripple Current	3873 mA (rms, 100kHz 45C)
Leakage Current	296.1 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C

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

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