

T493C476K016BT6420

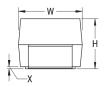
General Information

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 47 uF, 10%, 16 VDC, SMD, MnO2, Molded, High Reliability, B (0.1%/1000 Hrs), 500 mOhms, 6032, Height Max = 2.8mm

CATHODE (-) END VIEW



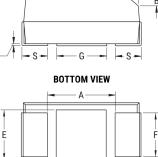
B



ANODE (+) END VIEW

R

Ρ



T493 HRA
MnO2 Tantalum
SMD Chip
SMD, MnO2, Molded, High Reliability
High Reliability
Yes
Tin
No
224.2 mg
P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present).

Termination cutout at KEMET's option, either end
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Click here for the 3D model.

Dimensions	
Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
Н	2.5mm +/-0.3mm
т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
А	3.1mm MIN
В	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
Р	0.5mm MIN
R	1mm REF
Х	0.1mm +/-0.1mm

т

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

Specifications	1
Capacitance	47 uF
Capacitance Tolerance	10%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
Resistance	0.5 Ohms (100kHz 25C)
Ripple Current	469 mA (rms, 100kHz 25C)
Leakage Current	7.5 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C Before Weibull

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