

## T493C476K016CT6410

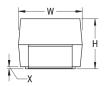
T493 HRA

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 47 uF, 10%, 16 VDC, SMD, MnO2, Molded, High Reliability, C (0.01%/1000 Hrs), 1.2 Ohms, 6032, Height Max = 2.8mm

**CATHODE (-) END VIEW** 



B



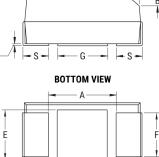
ANODE (+) END VIEW

R

Termination cutout at KEMET's option, either end

Click here for the 3D model.

Ρ



	Dielectric	MnO2 Tantalum
	Style	SMD Chip
	Description	SMD, MnO2, Molded, High Reliability
	Features	High Reliability
	RoHS	Yes
	Termination	Tin
	AEC-Q200	No

**General Information** 

Series

AEC-0200	NO
Component Weight	224.2 mg
Notes	P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present).

Dimensions		
Footprint	6032	
L	6mm +/-0.3mm	
W	3.2mm +/-0.3mm	
н	2.5mm +/-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			
Capacitance	47 uF		
Capacitance Tolerance	10%		
Voltage DC	16 VDC (85C), 10.72 VDC (125C)		
Temperature Range	-55/+125°C		
Rated Temperature	85°C		
<b>Dissipation Factor</b>	6% 120Hz 25C		
Failure Rate	C (0.01%/1000 Hrs)		
Resistance	1.2 Ohms (100kHz 25C)		
Ripple Current	303 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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