

**KEMET Part Number: T491C336K010AT**  
(B45196H2336K309)

Tantalum, MnO<sub>2</sub> Tantalum, T491, 33 uF, 10%, 10 V, 6032, SMD, MnO<sub>2</sub>, Molded, 1.5 Ohms, Height Max = 2.8mm



General Information	
<b>Dielectric:</b>	MnO <sub>2</sub> Tantalum
<b>Style:</b>	SMD Chip
<b>Series:</b>	T491
<b>Description:</b>	SMD, MnO <sub>2</sub> , Molded
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin

Specifications	
<b>Capacitance:</b>	33 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	10 VDC (85C), 6.7 VDC (125C)
<b>Temperature Range:</b>	-55/+125C
<b>Dissipation Factor:</b>	6% 120Hz 20C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	1.5 Ohms (100kHz)
<b>Current:</b>	271 mAmps (100kHz 25C), 243.9 mAmps (85C), 108.4 mAmps (125C)
<b>Leakage Current:</b>	3.3 uAmps (5min 20C)

Dimensions	
<b>Footprint</b>	6032
<b>L</b>	6mm +/-0.3mm
<b>W</b>	3.2mm +/-0.3mm
<b>H</b>	2.5mm +/-0.3mm
<b>T</b>	0.13mm REF
<b>S</b>	1.3mm +/-0.3mm
<b>F</b>	2.2mm +/-0.1mm
<b>A</b>	2.9mm MIN
<b>B</b>	0.5mm +/-0.15mm
<b>E</b>	2.4mm REF
<b>G</b>	2.8mm REF
<b>P</b>	0.9mm REF
<b>R</b>	1mm REF
<b>X</b>	0.1mm +/-0.1mm

Packaging Specifications	
<b>Weight:</b>	224.48 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	500

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