

**KEMET Part Number: T491C476K010AT**  
(B45196H2476K309)

Tantalum, MnO<sub>2</sub> Tantalum, T491, 47 uF, 10%, 10 V, 6032, SMD, MnO<sub>2</sub>, Molded, 1.2 Ohms, Height Max = 2.8mm



**Dimensions**

Footprint		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

**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>	47 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>	1.2 Ohms (100kHz)
<b>Current:</b>	303 mAmps (100kHz 25C), 272.7 mAmps (85C), 121.2 mAmps (125C)
<b>Leakage Current:</b>	4.7 uAmps (5min 20C)