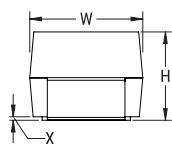
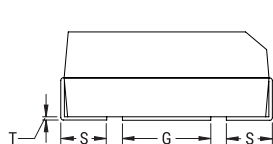


T491, Tantalum, MnO2 Tantalum, 47 uF, 20%, 10 VDC, SMD, MnO2, Molded, Low Profile, 1.4 Ohms, 6032, Height Max = 1.5mm

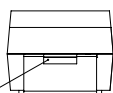
CATHODE (-) END VIEW



SIDE VIEW

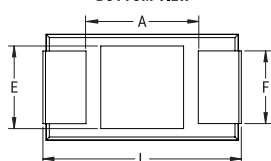


ANODE (+) END VIEW



Termination cutout at KEMET's option, either end.

BOTTOM VIEW



### General Information

<b>Series:</b>	T491
<b>Dielectric:</b>	MnO2 Tantalum
<b>Style:</b>	SMD Chip
<b>Description:</b>	SMD, MnO2, Molded, Low Profile
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<b>AEC-Q200:</b>	No
<b>Shelf Life:</b>	156 Weeks
<b>MSL:</b>	1

### Dimensions

Footprint	6032
<b>L</b>	6mm +/-0.3mm
<b>W</b>	3.2mm +/-0.2mm
<b>H</b>	1.4mm +/-0.1mm
<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>E</b>	2.4mm REF
<b>G</b>	2.8mm REF
<b>X</b>	0.05mm REF

### Specifications

<b>Capacitance:</b>	47 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	10 VDC (85C), 6.7 VDC (125C)
<b>Temperature Range:</b>	-55/+125°C
<b>Rated Temperature:</b>	85°C
<b>Dissipation Factor:</b>	6% 120Hz 20C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	1.4 Ohms (100kHz)
<b>Ripple Current:</b>	254 mA (rms, 100kHz 25C), 228.6 mA (rms, 85C), 101.6 mA (rms, 125C)
<b>Leakage Current:</b>	4.7 uA (5min 20°C)

### Packaging Specifications

<b>Weight:</b>	70 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	1000