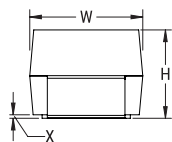
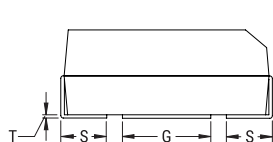


T491, Tantalum, MnO2 Tantalum, 10 uF, 10%, 16 VDC, SMD, MnO2, Molded, Low Profile, 8 Ohms, 3528, Height Max = 1.2mm

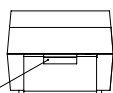
CATHODE (-) END VIEW



SIDE VIEW

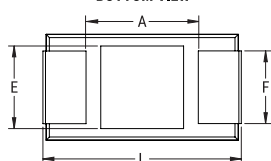


ANODE (+) END VIEW



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**

<b>Footprint</b>	3528
<b>L</b>	3.5mm +/-0.2mm
<b>W</b>	2.8mm +/-0.2mm
<b>H</b>	1.1mm +/-0.1mm
<b>T</b>	0.13mm REF
<b>S</b>	0.8mm +0.1/-0.3mm
<b>F</b>	2.2mm +/-0.1mm
<b>A</b>	1.9mm MIN
<b>E</b>	2.2mm REF
<b>G</b>	1.8mm REF
<b>X</b>	0.05mm REF

**Specifications**

<b>Capacitance:</b>	10 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	16 VDC (85C), 10.72 VDC (125C)
<b>Temperature Range:</b>	-55/+125°C
<b>Rated Temperature:</b>	85°C
<b>Dissipation Factor:</b>	8% 120Hz 20C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	8 Ohms (100kHz)
<b>Ripple Current:</b>	94 mA (rms, 100kHz 25C), 84.6 mA (rms, 85C), 37.6 mA (rms, 125C)
<b>Leakage Current:</b>	1.6 uA (5min 20°C)

**Packaging Specifications**

<b>Weight:</b>	63.89 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	3000

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