

T491, Tantalum, MnO2 Tantalum, 15 uF, 10%, 20 VDC, SMD, MnO2, Molded, 1.7 Ohms, 6032, Height Max = 2.8mm



**Dimensions**

Footprint		6032
L		6mm +/-0.3mm
W		3.2mm +/-0.3mm
H		2.5mm +/-0.3mm
T		0.13mm REF
S		1.3mm +/-0.3mm
F		2.2mm +/-0.1mm
A		2.9mm MIN
B		0.5mm +/-0.15mm
E		2.4mm REF
G		2.8mm REF
P		0.9mm REF
R		1mm REF
X		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>Supplier:</b>	KEMET
<b>Series:</b>	T491
<b>Dielectric:</b>	MnO2 Tantalum
<b>Style:</b>	SMD Chip
<b>Description:</b>	SMD, MnO2, Molded
<b>RoHS:</b>	No
<b>Prop 65:</b>	<b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>
<b>REACH:</b>	SVHC (Pb – CAS 7439-92-1)
<b>Termination:</b>	Solder Coated
<b>Shelf Life:</b>	156 Weeks
<b>MSL:</b>	1

**Specifications**

<b>Capacitance:</b>	15 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	20 VDC (85C), 13.4 VDC (125C)
<b>Temperature Range:</b>	-55/+125C
<b>Rated Temperature:</b>	85C
<b>Dissipation Factor:</b>	6.00% 120Hz 20C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	1.7 Ohms (100kHz)
<b>Ripple Current:</b>	254 mAmps (100kHz 25C), 228.6 mAmps (85C), 101.6 mAmps (125C)
<b>Leakage Current:</b>	3 uA (5min 20C)

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