



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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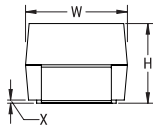
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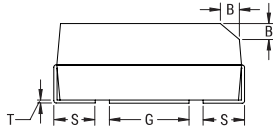


T490, Tantalum, MnO2 Tantalum, Consumer, 150 uF, 20%, 10 VDC, SMD, MnO2, Molded, Consumer, 500 mOhms, 3528, Height Max = 2.1mm

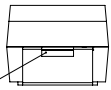
CATHODE (-) END VIEW



SIDE VIEW

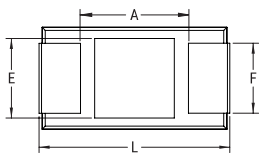


ANODE (+) END VIEW



Termination cutout at KEMET's option, either end.

BOTTOM VIEW



**General Information**

<b>Supplier:</b>	KEMET
<b>Series:</b>	T490
<b>Dielectric:</b>	MnO2 Tantalum
<b>Style:</b>	SMD Chip
<b>Description:</b>	SMD, MnO2, Molded, Consumer
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<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>	1.9mm +/-0.2mm
<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>B</b>	0.4mm +/-0.15mm
<b>E</b>	2.2mm REF
<b>G</b>	1.8mm REF
<b>P</b>	0.5mm REF
<b>R</b>	1mm REF
<b>X</b>	0.1mm +/-0.1mm

**Specifications**

<b>Capacitance:</b>	150 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	10 VDC (40C), 5 VDC (85C), 2 VDC (125C)
<b>Temperature Range:</b>	-55/+125C
<b>Rated Temperature:</b>	40C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	0.5 Ohms (100kHz)
<b>Ripple Current:</b>	412 mAmps (100kHz 25C), 370.8 mAmps (40C), 164.8 mAmps (125C)
<b>Leakage Current:</b>	15 uA (5min 20C)

**Packaging Specifications**

<b>Weight:</b>	107.45 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	2000

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