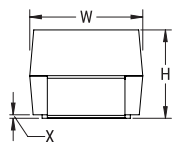
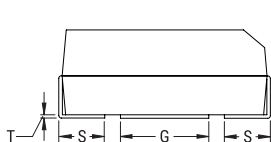


T494, Tantalum, MnO2 Tantalum, 22 uF, 10%, 25 VDC, SMD, MnO2, Molded, Low Profile, Low ESR, 500 mOhms, 7343, Height Max = 2mm

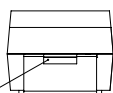
CATHODE (-) END VIEW



SIDE VIEW

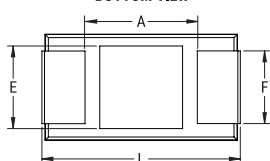


ANODE (+) END VIEW



Termination cutout at KEMET's option, either end.

BOTTOM VIEW



**General Information**

<b>Series:</b>	T494
<b>Dielectric:</b>	MnO2 Tantalum
<b>Style:</b>	SMD Chip
<b>Description:</b>	SMD, MnO2, Molded, Low Profile, Low ESR
<b>Features:</b>	Low ESR
<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	7343
<b>L</b>	7.3mm +/-0.3mm
<b>W</b>	4.3mm +/-0.3mm
<b>H</b>	1.8mm +/-0.2mm
<b>T</b>	0.13mm REF
<b>S</b>	1.3mm +/-0.3mm
<b>F</b>	2.4mm +/-0.1mm
<b>A</b>	3.6mm MIN
<b>E</b>	3.5mm REF
<b>G</b>	3.5mm REF
<b>X</b>	0.05mm REF

**Specifications**

<b>Capacitance:</b>	22 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	25 VDC (85C), 16.75 VDC (125C)
<b>Temperature Range:</b>	-55/+125°C
<b>Rated Temperature:</b>	85°C
<b>Dissipation Factor:</b>	6% 120Hz 25C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	0.5 Ohms (100kHz 25C)
<b>Ripple Current:</b>	500 mA (rms, 100kHz 25C), 450 mA (rms, 85C), 200 mA (rms, 125C)
<b>Leakage Current:</b>	5.5 uA (5min 25°C)

**Packaging Specifications**

<b>Weight:</b>	286.4 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	1000

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.