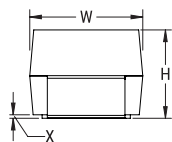
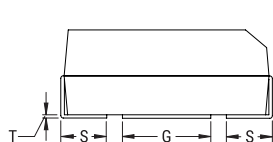


T494, Tantalum, MnO2 Tantalum, 47 uF, 10%, 16 VDC, SMD, MnO2, Molded, Low Profile, Low ESR, 300 mOhms, 7343, Height Max = 2mm

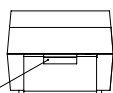
CATHODE (-) END VIEW



SIDE VIEW

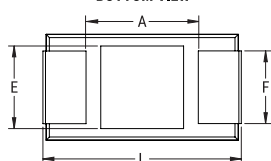


ANODE (+) END VIEW



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>	47 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>	6% 120Hz 25C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	0.3 Ohms (100kHz 25C)
<b>Ripple Current:</b>	645 mA (rms, 100kHz 25C), 580.5 mA (rms, 85C), 258 mA (rms, 125C)
<b>Leakage Current:</b>	7.5 uA (5min 25°C)

**Packaging Specifications**

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

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