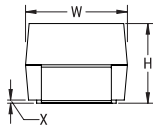
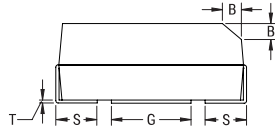


T489, Tantalum, MnO2 Tantalum, 6.8 uF, 20%, 50 VDC, SMD, MnO2, Molded, Low Leakage, 700 mOhms, 7343, Height Max = 3.1mm

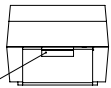
CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



Termination cutout at KEMET's option, either end.

BOTTOM VIEW



**General Information**

<b>Supplier:</b>	KEMET
<b>Series:</b>	T489
<b>Dielectric:</b>	MnO2 Tantalum
<b>Style:</b>	SMD Chip
<b>Description:</b>	SMD, MnO2, Molded, Low Leakage
<b>Features:</b>	Low Leakage
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<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>	2.8mm +/-0.3mm
<b>T</b>	0.13mm REF
<b>S</b>	1.3mm +/-0.3mm
<b>F</b>	2.4mm +/-0.1mm
<b>A</b>	3.8mm MIN
<b>B</b>	0.5mm +/-0.15mm
<b>E</b>	3.5mm REF
<b>G</b>	3.5mm REF
<b>P</b>	0.9mm REF
<b>R</b>	1mm REF
<b>X</b>	0.1mm +/-0.1mm

**Specifications**

<b>Capacitance:</b>	6.8 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	50 VDC (85C), 33.5 VDC (125C)
<b>Temperature Range:</b>	-55/+125C
<b>Rated Temperature:</b>	85C
<b>Dissipation Factor:</b>	4.50% 120Hz 25C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	700 mOhms (100kHz)
<b>Leakage Current:</b>	2.6 uA (5min 25C)

**Packaging Specifications**

<b>Weight:</b>	446.84 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	500