

**KEMET Part Number: T491D107K020AT**  
(B45196H4107K409)

Tantalum, MnO2 Tantalum, T491, 100 uF, 10%, 20 V, 7343, SMD, MnO2, Molded, 900 mOhms, Height Max = 3.1mm



**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>		3.6mm 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

**Packaging Specifications**

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

**General Information**

<b>Dielectric:</b>	MnO2 Tantalum
<b>Style:</b>	SMD Chip
<b>Series:</b>	T491
<b>Description:</b>	SMD, MnO2, Molded
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin

**Specifications**

<b>Capacitance:</b>	100 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	20 VDC (85C), 13.4 VDC (125C)
<b>Temperature Range:</b>	-55/+125C
<b>Dissipation Factor:</b>	8% 120Hz 20C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	0.9 Ohms (100kHz)
<b>Current:</b>	408 mAmps (100kHz 25C), 367.2 mAmps (85C), 163.2 mAmps (125C)
<b>Leakage Current:</b>	20 uAmps (5min 20C)