

**KEMET Part Number: T491D107K016AT**  
(B45196H3107K409)

Tantalum, MnO2 Tantalum, T491, 100 uF, 10%, 16 V, 7343, SMD, MnO2, Molded, 700 mOhms, Height Max = 3.1mm



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>	16 VDC (85C), 10.72 VDC (125C)
<b>Temperature Range:</b>	-55/+125C
<b>Dissipation Factor:</b>	8% 120Hz 20C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	0.7 Ohms (100kHz)
<b>Current:</b>	463 mAmps (100kHz 25C), 416.7 mAmps (85C), 185.2 mAmps (125C)
<b>Leakage Current:</b>	16 uAmps (5min 20C)

Dimensions	
<b>Footprint</b>	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

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