

**KEMET Part Number: T491B476M006AT**  
(B45196H1476M209)

Tantalum, MnO2 Tantalum, T491, 47 uF, 20%, 6.3 V, 3528, SMD, MnO2, Molded, 2 Ohms, Height Max = 2.1mm



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>	47 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	6.3 VDC (85C), 4.22 VDC (125C)
<b>Temperature Range:</b>	-55/+125C
<b>Dissipation Factor:</b>	6% 120Hz 20C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	2 Ohms (100kHz)
<b>Current:</b>	206 mAmps (100kHz 25C), 185.4 mAmps (85C), 82.4 mAmps (125C)
<b>Leakage Current:</b>	3 uAmps (5min 20C)

Dimensions	
<b>Footprint</b>	3528
<b>L</b>	3.5mm +/-0.2mm
<b>W</b>	2.8mm +/-0.2mm
<b>H</b>	1.9mm +/-0.2mm
<b>T</b>	0.13mm REF
<b>S</b>	0.8mm +0.2/-0.3mm
<b>F</b>	2.2mm +/-0.1mm
<b>A</b>	1.9mm MIN
<b>B</b>	0.4mm +/-0.15mm
<b>E</b>	2.2mm REF
<b>G</b>	1.8mm REF
<b>P</b>	0.5mm REF
<b>R</b>	1mm REF
<b>X</b>	0.1mm +/-0.1mm

Packaging Specifications	
<b>Weight:</b>	107.45 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	2000

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