

**KEMET Part Number: T491B105K035AT**  
(B45196E6105K209)

Tantalum, MnO2 Tantalum, T491, 1 uF, 10%, 35 V, 3528, SMD, MnO2, Molded, 5 Ohms, Height Max = 2.1mm



**Dimensions**

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

**Packaging Specifications**

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

**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>	1 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	35 VDC (85C), 23.45 VDC (125C)
<b>Temperature Range:</b>	-55/+125C
<b>Dissipation Factor:</b>	4% 120Hz 20C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	5 Ohms (100kHz)
<b>Current:</b>	130 mAmps (100kHz 25C), 117 mAmps (85C), 52 mAmps (125C)
<b>Leakage Current:</b>	0.5 uAmps (5min 20C)