

**KEMET Part Number: T491X107K025AT**  
(B45196H5107K509)

Tantalum, MnO2 Tantalum, T491, 100 uF, 10%, 25 V, 7343, SMD, MnO2, Molded, 300 mOhms, Height Max = 4.3mm



**Dimensions**

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.6mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm

**Packaging Specifications**

Weight:	652.04 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

**General Information**

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

**Specifications**

Capacitance:	100 uF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC (85C), 16.75 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	8% 120Hz 20C
Failure Rate:	N/A
Resistance:	0.3 Ohms (100kHz)
Current:	742 mAmps (100kHz 25C), 667.8 mAmps (85C), 296.8 mAmps (125C)
Leakage Current:	25 uAmps (5min 20C)