

**KEMET Part Number: T491C107M006AT**  
(B45196H1107M309)

Tantalum, MnO2 Tantalum, T491, 100 uF, 20%, 6.3 V, 6032, SMD, MnO2, Molded, 900 mOhms, Height Max = 2.8mm



**Dimensions**

Footprint		6032
L		6mm +/-0.3mm
W		3.2mm +/-0.3mm
H		2.5mm +/-0.3mm
T		0.13mm REF
S		1.3mm +/-0.3mm
F		2.2mm +/-0.1mm
A		2.9mm MIN
B		0.5mm +/-0.15mm
E		2.4mm REF
G		2.8mm REF
P		0.9mm REF
R		1mm REF
X		0.1mm +/-0.1mm

**Packaging Specifications**

Weight:	224.48 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:	20%
Voltage DC:	6.3 VDC (85C), 4.22 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	8% 120Hz 20C
Failure Rate:	N/A
Resistance:	0.9 Ohms (100kHz)
Current:	350 mAmps (100kHz 25C), 315 mAmps (85C), 140 mAmps (125C)
Leakage Current:	6.3 uAmps (5min 20C)