

KEMET Part Number: T491X108K006AT
(B45196H1108K509)

Tantalum, MnO₂ Tantalum, T491, 1000 uF, 10%, 6.3 V, 7343, SMD, MnO₂, Molded, 600 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:	MnO ₂ Tantalum
Style:	SMD Chip
Series:	T491
Description:	SMD, MnO ₂ , Molded
RoHS:	Yes
Termination:	Tin

Specifications

Capacitance:	1000 uF
Capacitance Tolerance:	10%
Voltage DC:	6.3 VDC (85C), 4.22 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	15% 120Hz 20C
Failure Rate:	N/A
Resistance:	0.6 Ohms (100kHz)
Current:	524 mAmps (100kHz 25C), 471.6 mAmps (85C), 209.6 mAmps (125C)
Leakage Current:	63 uAmps (5min 20C)