

KEMET Part Number: T491X687K006AT
(B45196H1687K509)

T491, Tantalum, MnO2 Tantalum, 680 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

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

Specifications

Capacitance:	680 uF
Capacitance Tolerance:	10%
Voltage DC:	6.3 VDC (85C), 4.22 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
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:	42.8 uA (5min 20C)