

KEMET Part Number: T491D686K006AT
(B45196E1686K409, T491D686K006AS)

Tantalum, MnO2 Tantalum, KEMET, T491, 68 uF, 10%, 6.3 V, 7343, SMD, MnO2, Molded, 800 mOhms, 3.1mm



Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2.8mm +/-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	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications

Weight:	446.84 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information

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

Specifications

Capacitance:	68 uF
Capacitance Tolerance:	10%
Voltage DC:	6.3 VDC (85C), 4.22 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	6%
Failure Rate:	N/A
Resistance:	0.8 Ohms (100kHz)
Current:	433 mAmps (25C), 389.7 mAmps (85C), 173.2 mAmps (125C)
Leakage:	4.3 uAmps