

KEMET Part Number: T491C685K025AT
(B45196H5685K309)

Tantalum, MnO2 Tantalum, T491, 6.8 uF, 10%, 25 V, 6032, SMD, MnO2, Molded, 1.9 Ohms, 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:	6.8 uF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC (85C), 16.75 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	6%
Failure Rate:	N/A
Resistance:	1.9 Ohms (100kHz)
Current:	241 mAmps (25C), 216.9 mAmps (85C), 96.4 mAmps (125C)
Leakage:	1.7 uAmps