

**KEMET Part Number: T491C685K020AT**  
(B45196E4685K309)

Tantalum, MnO<sub>2</sub> Tantalum, T491, 6.8 uF, 10%, 20 V, 6032, SMD, MnO<sub>2</sub>, Molded, 1.9 Ohms, Height Max = 2.8mm



General Information	
Dielectric:	MnO <sub>2</sub> Tantalum
Style:	SMD Chip
Series:	T491
Description:	SMD, MnO <sub>2</sub> , Molded
RoHS:	Yes
Termination:	Tin

Specifications	
Capacitance:	6.8 uF
Capacitance Tolerance:	10%
Voltage DC:	20 VDC (85C), 13.4 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	6% 120Hz 20C
Failure Rate:	N/A
Resistance:	1.9 Ohms (100kHz)
Current:	241 mAmps (100kHz 25C), 216.9 mAmps (85C), 96.4 mAmps (125C)
Leakage Current:	1.4 uAmps (5min 20C)

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

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