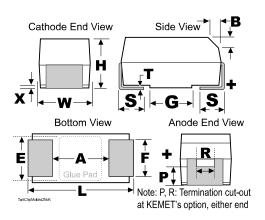
## KEMET Part Number: T491C685K020AT

(B45196E4685K309)



Capacitor, Tantalum, SMD, MnO2, Molded, 6.8 uF, 6032, +/-10% Tol, -55/+125C, 20 VDC (85C)



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	6	+/-0.3
W	3.2	+/-0.3
Н	2.5	+/-0.3
F	2.2	+/-0.1
S	1.3	+/-0.3
В	0.5	+/-0.15
Х	0.1	+/-0.1
Р	0.9	REF
R	1	REF
Т	0.13	REF
Α	2.9	MIN
G	2.8	REF
E	2.4	REF

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Quantity:	500	

General Information		
Supplier:	KEMET	
Application:	General Purpose	
Part Type Description:	SMD, MnO2, Molded	
Construction:	Standard Chip-MnO2	
Body Type:	SMD Chip	
Footprint:	6032	
Weight:	224.48 mg	
RoHS:	Yes	

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

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