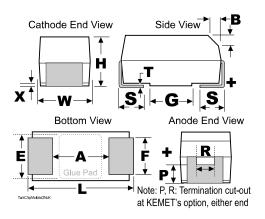
## KEMET Part Number: T491A685K016AT

(B45196H3685K109)



Capacitor, Tantalum, SMD, MnO2, Molded, 6.8 uF, 3216, +/-10% Tol, 16 VDC (85C)



Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	3.2	+/-0.2	
W	1.6	+/-0.2	
Н	1.6	+/-0.2	
F	1.2	+/-0.1	
S	0.8	+0.2/-0.3	
В	0.4	+/-0.15	
Х	0.1	+/-0.1	
Р	0.4	REF	
R	0.4	REF	
Т	0.13	REF	
Α	1.2	MIN	
G	1.1	REF	
E	1.3	REF	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Quantity:	2000	

General Information		
Supplier:	KEMET	
Application:	General Purpose	
Part Type Description:	SMD, MnO2, Molded	
Construction:	Standard Chip-MnO2	
Body Type:	SMD Chip	
Footprint:	3216	
Weight:	58.6 mg	
RoHS:	Yes	

Specifications		
Capacitance:	6.8 uF	
Tolerance:	+/-10%	
Voltage:	16 VDC (85C)	
Voltage:	10.72 VDC (125C)	
Temperature Range:	-55/+125C	
Current/Ripple Current:	146 mAmps (25C)	
Current/Ripple Current:	131.4 mAmps (85C)	
Current/Ripple Current:	58.4 mAmps (125C)	
Resistance/ESR:	3.5 Ohms (100kHz)	
Failure Rate:	N/A	
Leakage Current:	1.1 uA	
Dissipation Factor:	6%	

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