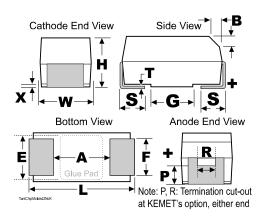
## KEMET Part Number: T491B685M016AT

(B45196H3685M209)



## Capacitor, Tantalum, SMD, MnO2, Molded, 6.8 uF, 3528, +/-20% Tol, -55/+125C, 16 VDC (85C)



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.5	+/-0.2
W	2.8	+/-0.2
Н	1.9	+/-0.2
F	2.2	+/-0.1
S	0.8	+0.2/-0.3
В	0.4	+/-0.15
Х	0.1	+/-0.1
Р	0.5	REF
R	1	REF
Т	0.13	REF
Α	1.9	MIN
G	1.8	REF
E	2.2	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:	3528	
Weight:	107.45 mg	
RoHS:	Yes	

Specifications		
Capacitance:	6.8 uF	
Tolerance:	+/-20%	
Voltage:	16 VDC (85C)	
Voltage:	10.72 VDC (125C)	
Temperature Range:	-55/+125C	
Current/Ripple Current:	184 mAmps (25C)	
Current/Ripple Current:	165.6 mAmps (85C)	
Current/Ripple Current:	73.6 mAmps (125C)	
Resistance/ESR:	2.5 Ohms (100kHz)	
Failure Rate:	N/A	
Leakage Current:	1.1 uA	
Dissipation Factor:	6%	

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