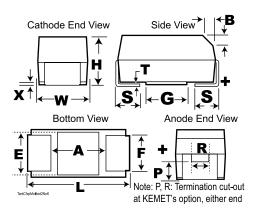
## KEMET Part Number: T494C686M006AT



## Capacitor, tantalum, 68 uF, 6032, +/-20% Tol, 6.3V@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	3.1	min	
G	2.8	ref	
E	2.4	ref	

## Notes:

-In polarity stripe, at KEMET's option, type may be indicated: no symbol = Standard (or low leakage) MnO2 tantalum chip, O = LowESR T494, R = Low ESR T495, F = Fused T496, HT = 150C rated T498 (or B45196P, B45198P), H = 175C rated T499, M = Multiple anode construction T510 (and B45396R), KO = Organic cathode T520 or T521, KT = High temp organic cathode T525, KM = Multiple anode organic cathode T530, FD= Organic cathode face down terminals T528.

General Information		
Manufacturer:	KEMET	
Construction:	Standard Chip-MnO2	

Specifications		
Capacitance:	68 uF	
Voltage DC @ 85C:	6.3V	
Voltage DC @ 105C:	5.2V	
Voltage DC @ 125C:	4V	
Tolerance:	+/-20%	
Application:	General Purpose/Low ESR	
Temperature Range:	-55/+125C	
Body Type:	Molded Chip	
ESR:	200 mOhm	
Footprint:	6032	
Termination:	Tin	
RoHS:	Yes	
Leakage Current:	4.3 uA	
Dissipation Factor:	6%	
Ripple @ 25C:	0.742 A	
Ripple @ 85C:	0.6678 A	
Ripple @ 105C:	0.4823 A	
Ripple @ 125C:	0.2968 A	

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

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