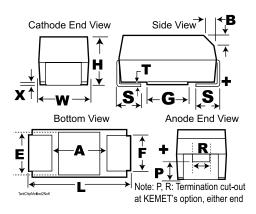
KEMET Part Number: T494A686K006AT



Capacitor, Tantalum, SMD, MnO2, Molded, Low ESR, 68 uF, 3216, +/-10% Tol, 6.3V@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	+/-0.3
В	0.4	+/-0.15
Х	0.1	+/-0.1
Р	0.4	REF
R	0.4	REF
Т	0.13	REF
Α	1.4	MIN
G	1.1	REF
Е	1.3	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		
Supplier:	KEMET	
Part Type Description:	SMD, MnO2, Molded, Low ESR	
Construction:	Standard Chip-MnO2	

Specifications		
Capacitance:	68 uF	
Voltage DC @ 85C:	6.3V	
Voltage DC @ 105C:	5.26V	
Voltage DC @ 125C:	4.22V	
Tolerance:	+/-10%	
Application:	General Purpose/Low ESR	
Temperature Range:	-55/+125C	
Body Type:	Molded Chip	
ESR:	3 Ohm	
Footprint:	3216	
Termination:	Tin	
RoHS:	Yes	
Leakage Current:	4.3 uA	
Dissipation Factor:	30%	
Ripple @ 25C:	0.158 A	
Ripple @ 85C:	0.142 A	
Ripple @ 105C:	0.103 A	
Ripple @ 125C:	0.063 A	

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

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