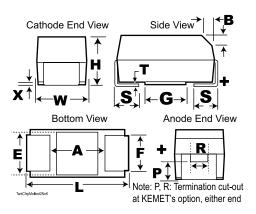
KEMET Part Number: T494C686K016AT



Capacitor, Tantalum, SMD, MnO2, Molded, Low ESR, 68 uF, 6032, +/-10% Tol, 16V@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
A	2.5	MIN
G	2.8	REF
Е	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, KM = Multiple anode, organic cathode, 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:	16V	
Voltage DC @ 105C:	13.36V	
Voltage DC @ 125C:	10.72V	
Tolerance:	+/-10%	
Application:	General Purpose/Low ESR	
Temperature Range:	-55/+125C	
Body Type:	Molded Chip	
ESR:	1 Ohm	
Footprint:	6032	
Termination:	Tin	
RoHS:	Yes	
Leakage Current:	10.9 uA	
Dissipation Factor:	12%	
Ripple @ 25C:	0.332 A	
Ripple @ 85C:	0.299 A	
Ripple @ 105C:	0.216 A	
Ripple @ 125C:	0.133 A	

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

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