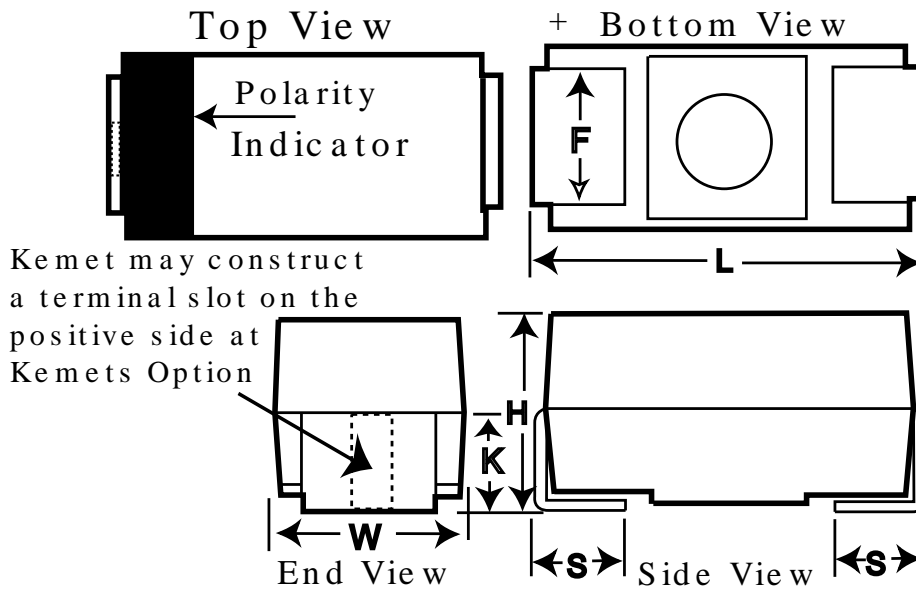


# B45196P3335K109

aka T498A335K016ZTE3K4

Capacitor, tantalum, 3.3 uF, 3216, +/-10% Tol, 16V@85C



## Dimensions (mm)

ID	Dimension	Tolerance
L	3.2	+/-0.2
W	1.6	+/-0.2
H	1.6	+/-0.2
K	1.3	typ
F	1.2	+/-0.1
S	0.8	+/-0.3

## Specifications

Manufacturer:	KEMET
Capacitance:	3.3 uF
Voltage DC @ 85C:	16V
Voltage DC @ 105C:	13V
Voltage DC @ 125C:	10V
Voltage DC @ 150C:	8V
Tolerance:	+/-10%
Application:	Automotive/Hi-Temp
Body Type:	Molded Chip
Temperature Range:	-55/+150C
ESR:	3.4 Ohm
Footprint:	3216
Termination:	Tin
Leakage Current:	0.6 uA
Dissipation Factor:	4.5%
Ripple @ 25C:	0.1485 A
Ripple @ 85C:	0.1337 A
Ripple @ 105C:	0.0966 A
Ripple @ 125C:	0.0594 A
Package Kind:	T&R
Package Quantity:	2000
Miscellaneous Electrical:	AEC-Q200

### Notes:

-In polarity stripe, at KEMET's option, type may be indicated:  
no symbol = Standard (or low leakage) MnO<sub>2</sub> tantalum chip,  
R = Low ESR T495, 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.

-A