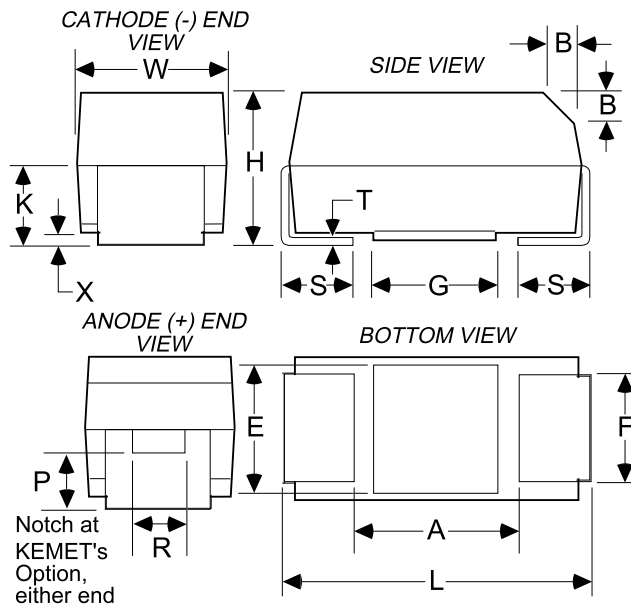


# B45196E3105K109

aka T491A105K016ZT

Capacitor, tantalum, 1 uF, 10% Tol, 16V@85C, A



## Dimensions (mm)

ID	Dimension	Tolerance
L	3.20	+/-0.20
W	1.60	+/-0.20
H	1.60	+/-0.20
K	0.90	+/-0.20
F	1.20	+/-0.10
S	0.80	+/-0.30
B	0.40	+/-0.15
X	0.10	ref
P	0.40	ref
T	0.13	ref
A	0.80	ref
G	1.10	ref
E	1.30	ref

## Specifications

<b>Application:</b>	General Purpose
<b>Capacitance:</b>	1 uF
<b>Tolerance:</b>	10%
<b>Voltage DC @ 85C:</b>	16V
<b>Voltage DC @ 105C:</b>	13V
<b>Voltage DC @ 125C:</b>	10V
<b>Temperature Range:</b>	-55/+125C
<b>Size Code:</b>	A
<b>Footprint:</b>	3216
<b>Body Type:</b>	Molded Chip
<b>Packaging:</b>	T&R
<b>Package Quantity:</b>	2000
<b>Termination Type:</b>	Tin (Pb free)
<b>Leakage Current:</b>	0.5 uA
<b>Dissipation Factor:</b>	4%
<b>Impedance @ 100kHz:</b>	10 Ohm