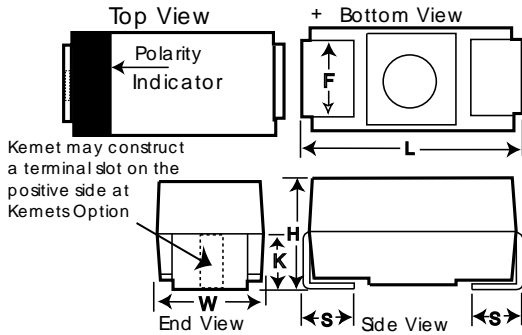


KEMET Part Number: T491A105K016ZT
(B45196E3105K109)

Capacitor, Tantalum, SMD, Molded, 1 uF, 3216, +/-10% Tol, 16V@85C



Dimensions (mm)		
Symbol	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

Notes:

-In polarity stripe, at KEMET's option, type may be indicated: see catalog for explanation of symbols

-Old part number [Obsolete] was B45196E3105K109

General Information

Supplier:	KEMET
Part Type Description:	SMD, Molded
Construction:	Standard Chip-MnO2
Miscellaneous Electrical:	Closest Kemet Original Series Equivalent: T491A105K016AT

Specifications

Capacitance:	1 uF
Voltage DC @ 85C:	16V
Voltage DC @ 105C:	13.36V
Voltage DC @ 125C:	10.72V
Tolerance:	+/-10%
Application:	General Purpose
Temperature Range:	-55/+125C
Body Type:	Molded Chip
Footprint:	3216
Termination:	Tin
RoHS:	Yes
Leakage Current:	0.5 uA
Dissipation Factor:	4%
Impedance @ 100kHz:	10 Ohm

Packaging Specifications

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