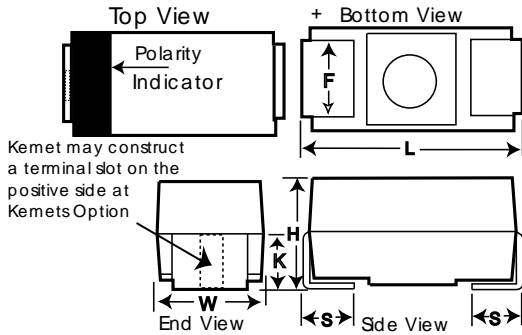


KEMET Part Number: T491A105K016ZT
(B45196E3105K109)

Capacitor, tantalum, 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 | |
|----------------------------------|--|
| Manufacturer: | KEMET |
| Construction: | Standard Chip-MnO2 |
| Miscellaneous Electrical: | Closest Kemet Original Series Equivalent: T491A105M016AT |

| Specifications | |
|----------------------------|-----------------|
| Capacitance: | 1 uF |
| Voltage DC @ 85C: | 16V |
| Voltage DC @ 105C: | 13V |
| Voltage DC @ 125C: | 10V |
| 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 |