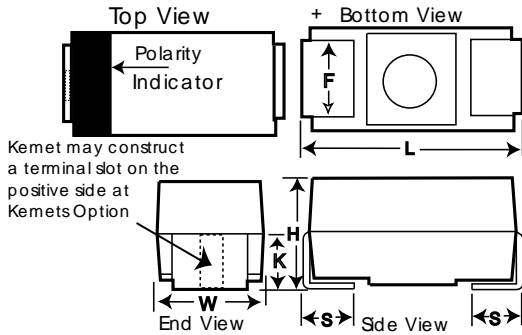


**KEMET Part Number: T495X107K016ZTE100**  
(B45197A3107K509)

Capacitor, Tantalum, SMD, Molded, Low ESR, Surge Robust, 100 uF, 7343, +/-10% Tol, 16V@85C



| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 7.3       | +/-0.3    |
| W               | 4.3       | +/-0.3    |
| H               | 4.1       | +/-0.3    |
| K               | 1.8       | typ       |
| F               | 2.4       | +/-0.1    |
| S               | 1.3       | +/-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 B45197A3107K509

| General Information    |                                    |
|------------------------|------------------------------------|
| Supplier:              | KEMET                              |
| Part Type Description: | SMD, Molded, Low ESR, Surge Robust |
| Construction:          | Standard Chip-MnO2                 |

| Specifications      |                         |
|---------------------|-------------------------|
| Capacitance:        | 100 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:                | 100 mOhm                |
| Footprint:          | 7343                    |
| Termination:        | Tin                     |
| RoHS:               | Yes                     |
| Leakage Current:    | 16 uA                   |
| Dissipation Factor: | 8%                      |
| Ripple @ 25C:       | 1.28 A                  |
| Ripple @ 85C:       | 1.152 A                 |
| Ripple @ 125C:      | 0.512 A                 |

| Packaging Specifications |     |
|--------------------------|-----|
| Package Kind:            | T&R |
| Package Size:            | 7in |
| Package Quantity:        | 400 |