

**KEMET Part Number: T495D686K016ATE150**  
(B45197A3686K409)

Capacitor, Tantalum, SMD, MnO2, Molded, Low ESR, 68 uF, 7343, +/-10% Tol, -55/+125C, 16 VDC (85C)



| General Information    |                            |
|------------------------|----------------------------|
| Supplier:              | KEMET                      |
| Application:           | Low ESR                    |
| Part Type Description: | SMD, MnO2, Molded, Low ESR |
| Construction:          | Standard Chip-MnO2         |
| Body Type:             | SMD Chip                   |
| Footprint:             | 7343                       |
| Weight:                | 446.84 mg                  |
| RoHS:                  | Yes                        |

| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 7.3       | +/-0.3    |
| W               | 4.3       | +/-0.3    |
| H               | 2.8       | +/-0.3    |
| F               | 2.4       | +/-0.1    |
| S               | 1.3       | +/-0.3    |
| B               | 0.5       | +/-0.15   |
| X               | 0.1       | +/-0.1    |
| P               | 0.9       | REF       |
| R               | 1         | REF       |
| T               | 0.13      | REF       |
| A               | 3.6       | MIN       |
| G               | 3.5       | REF       |
| E               | 3.5       | REF       |

| Specifications          |                    |
|-------------------------|--------------------|
| Capacitance:            | 68 uF              |
| Tolerance:              | +/-10%             |
| Voltage:                | 16 VDC (85C)       |
| Voltage:                | 10.72 VDC (125C)   |
| Temperature Range:      | -55/+125C          |
| Current/Ripple Current: | 1000 mAmps (25C)   |
| Current/Ripple Current: | 900 mAmps (85C)    |
| Current/Ripple Current: | 400 mAmps (125C)   |
| Resistance/ESR:         | 150 mOhms (100kHz) |
| Failure Rate:           | N/A                |
| Leakage Current:        | 10.9 uA            |
| Dissipation Factor:     | 6%                 |

| Packaging Specifications |             |
|--------------------------|-------------|
| Package Kind:            | T&R         |
| Package Size:            | 7 in/180 mm |
| Package Quantity:        | 500         |

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