

**KEMET Part Number: T495C476K010ATE300**  
(B45197A2476K309)

Tantalum, MnO<sub>2</sub> Tantalum, T495, 47 uF, 10%, 10 V, 6032, SMD, MnO<sub>2</sub>, Molded, Low ESR, 300 mOhms, Height Max = 2.8mm



| General Information |   |
|---------------------|---|
| Dielectric:         | MnO <sub>2</sub> Tantalum               |
| Style:              | SMD Chip                                |
| Series:             | T495                                    |
| Description:        | SMD, MnO <sub>2</sub> , Molded, Low ESR |
| Features:           | Low ESR                                 |
| RoHS:               | Yes                                     |
| Termination:        | Tin                                     |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 47 uF   |
| Capacitance Tolerance: | 10%   |
| Voltage DC:            | 10 VDC (85C), 6.7 VDC (125C)                                  |
| Temperature Range:     | -55/+125C   |
| Dissipation Factor:    | 6% 120Hz 20C  |
| Failure Rate:          | N/A   |
| Resistance:            | 300 mOhms (100kHz)  |
| Current:               | 606 mAmps (100kHz 25C), 545.4 mAmps (85C), 242.4 mAmps (125C) |
| Leakage Current:       | 4.7 uAmps (5min 20C)  |

| Dimensions |                 |
|------------|-----------------|
| Footprint  | 6032            |
| L          | 6mm +/-0.3mm    |
| W          | 3.2mm +/-0.3mm  |
| H          | 2.5mm +/-0.3mm  |
| T          | 0.13mm REF      |
| S          | 1.3mm +/-0.3mm  |
| F          | 2.2mm +/-0.1mm  |
| A          | 2.9mm MIN       |
| B          | 0.5mm +/-0.15mm |
| E          | 2.4mm REF       |
| G          | 2.8mm REF       |
| P          | 0.9mm REF       |
| R          | 1mm REF         |
| X          | 0.1mm +/-0.1mm  |

| Packaging Specifications |            |
|--------------------------|------------|
| Weight:                  | 224.48 mg  |
| Packaging:               | T&R, 178mm |
| Packaging Quantity:      | 500        |

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