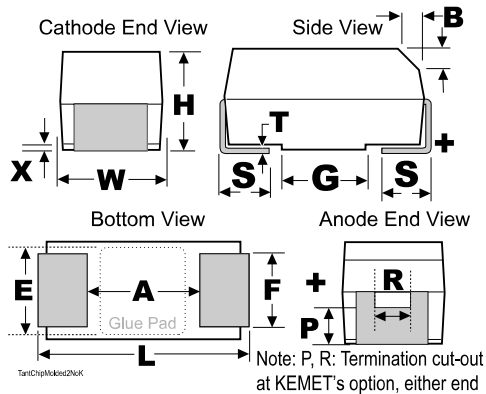


**KEMET Part Number: T495X476K020ATE150**  
(B45197A4476K509)

Tantalum, MnO<sub>2</sub> Tantalum, T495, 47 uF, 10%, 20 V, 7343, SMD, MnO<sub>2</sub>, Molded, Low ESR, 150 mOhms, Height Max = 4.3mm



| 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:            | 20 VDC (85C), 13.4 VDC (125C)                                  |
| Temperature Range:     | -55/+125C  |
| Dissipation Factor:    | 4% 120Hz 20C   |
| Failure Rate:          | N/A  |
| Resistance:            | 150 mOhms (100kHz)   |
| Current:               | 1049 mAmps (100kHz 25C), 944.1 mAmps (85C), 419.6 mAmps (125C) |
| Leakage Current:       | 9.4 uAmps (5min 20C)   |

| Dimensions |                 |
|------------|-----------------|
| Footprint  | 7343            |
| L          | 7.3mm +/-0.3mm  |
| W          | 4.3mm +/-0.3mm  |
| H          | 4mm +/-0.3mm    |
| T          | 0.13mm REF      |
| S          | 1.3mm +/-0.3mm  |
| F          | 2.4mm +/-0.1mm  |
| A          | 3.6mm MIN       |
| B          | 0.5mm +/-0.15mm |
| E          | 3.5mm REF       |
| G          | 3.5mm REF       |
| P          | 1.7mm REF       |
| R          | 1mm REF         |
| X          | 0.1mm +/-0.1mm  |

| Packaging Specifications |            |
|--------------------------|------------|
| Weight:                  | 652.04 mg  |
| Packaging:               | T&R, 178mm |
| Packaging Quantity:      | 500        |

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