

**KEMET Part Number: T491C476K020AT**  
(B45196H4476K309)

Tantalum, MnO<sub>2</sub> Tantalum, T491, 47 uF, 10%, 20 V, 6032, SMD, MnO<sub>2</sub>, Molded, 900 mOhms, 2.8mm



| General Information |                                |
|---------------------|--------------------------------|
| Dielectric:         | MnO <sub>2</sub> Tantalum      |
| Style:              | SMD Chip                       |
| Series:             | T491                           |
| Description:        | SMD, MnO <sub>2</sub> , Molded |
| 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:    | 6%   |
| Failure Rate:          | N/A  |
| Resistance:            | 0.9 Ohms (100kHz)                                  |
| Current:               | 350 mAmps (25C), 315 mAmps (85C), 140 mAmps (125C) |
| Leakage:               | 9.4 uAmps  |

| 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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