

**KEMET Part Number: T491C227M010AT**  
(B45196H2227M309, T491C227M010AS)

Tantalum, MnO2 Tantalum, KEMET, T491, 220 uF, 20%, 10 V, 6032, SMD, MnO2, Molded, 900 mOhms, 2.8mm



| General Information |                   |
|---------------------|-------------------|
| Dielectric:         | MnO2 Tantalum     |
| Style:              | SMD Chip          |
| Supplier:           | KEMET             |
| Series:             | T491              |
| Description:        | SMD, MnO2, Molded |
| RoHS:               | Yes               |
| Termination:        | Tin               |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 220 uF   |
| Capacitance Tolerance: | 20%  |
| Voltage DC:            | 10 VDC (85C), 6.7 VDC (125C)                       |
| Temperature Range:     | -55/+125C  |
| Dissipation Factor:    | 10%  |
| Failure Rate:          | N/A  |
| Resistance:            | 0.9 Ohms (100kHz)                                  |
| Current:               | 350 mAmps (25C), 315 mAmps (85C), 140 mAmps (125C) |
| Leakage:               | 22 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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