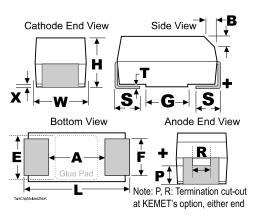
## **KEMET Part Number: T491B227M004AT**



Tantalum, MnO2 Tantalum, T491, 220 uF, 20%, 4 V, 3528, SMD, MnO2, Molded, 500 mOhms, Height Max = 2.1mm



| Dimensions |                   |  |
|------------|-------------------|--|
| Footprint  | 3528              |  |
| L          | 3.5mm +/-0.2mm    |  |
| W          | 2.8mm +/-0.2mm    |  |
| Н          | 1.9mm +/-0.2mm    |  |
| Т          | 0.13mm REF        |  |
| S          | 0.8mm +0.2/-0.3mm |  |
| F          | 2.2mm +/-0.1mm    |  |
| Α          | 1.9mm MIN         |  |
| В          | 0.4mm +/-0.15mm   |  |
| E          | 2.2mm REF         |  |
| G          | 1.8mm REF         |  |
| Р          | 0.5mm REF         |  |
| R          | 1mm REF           |  |
| Х          | 0.1mm +/-0.1mm    |  |

| Packaging Specifications |            |  |
|--------------------------|------------|--|
| Weight:                  | 107.45 mg  |  |
| Packaging:               | T&R, 178mm |  |
| Packaging Quantity:      | 2000       |  |

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

| Specifications         |   |  |
|------------------------|---|--|
| Capacitance:           | 220 uF  |  |
| Capacitance Tolerance: | 20%   |  |
| Voltage DC:            | 4 VDC (85C), 2.68 VDC (125C)  |  |
| Temperature Range:     | -55/+125C   |  |
| Dissipation Factor:    | 18% 120Hz 20C   |  |
| Failure Rate:          | N/A   |  |
| Resistance:            | 0.5 Ohms (100kHz)   |  |
| Current:               | 412 mAmps (100kHz 25C),<br>370.8 mAmps (85C), 164.8<br>mAmps (125C) |  |
| Leakage Current:       | 8.8 uAmps (5min 20C)  |  |

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