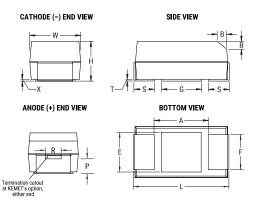
## KEMET Part Number: T491C227K010AT



T491, Tantalum, MnO2 Tantalum, 220 uF, 10%, 10 VDC, SMD, MnO2, Molded, 900 mOhms, 6032, Height Max = 2.8mm



| Dimensions |                 |
|------------|-----------------|
| Footprint  | 6032            |
| L          | 6mm +/-0.3mm    |
| W          | 3.2mm +/-0.3mm  |
| Н          | 2.5mm +/-0.3mm  |
| Т          | 0.13mm REF      |
| S          | 1.3mm +/-0.3mm  |
| F          | 2.2mm +/-0.1mm  |
| Α          | 2.9mm MIN       |
| В          | 0.5mm +/-0.15mm |
| E          | 2.4mm REF       |
| G          | 2.8mm REF       |
| Р          | 0.9mm REF       |
| R          | 1mm REF         |
| Х          | 0.1mm +/-0.1mm  |

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

| General Information |                   |
|---------------------|-------------------|
| Series:             | T491              |
| Dielectric:         | MnO2 Tantalum     |
| Style:              | SMD Chip          |
| Description:        | SMD, MnO2, Molded |
| RoHS:               | Yes               |
| Termination:        | Tin               |
| AEC-Q200:           | No                |
| Shelf Life:         | 156 Weeks         |
| MSL:                | 1                 |

| Specifications         |   |  |
|------------------------|---|--|
| Capacitance:           | 220 uF  |  |
| Capacitance Tolerance: | 10%   |  |
| Voltage DC:            | 10 VDC (85C), 6.7 VDC (125C)  |  |
| Temperature Range:     | -55/+125°C  |  |
| Rated Temperature:     | 85°C  |  |
| Dissipation Factor:    | 10% 120Hz 20C   |  |
| Failure Rate:          | N/A   |  |
| Resistance:            | 0.9 Ohms (100kHz)   |  |
| Ripple Current:        | 350 mA (rms, 100kHz 25C), 315<br>mA (rms, 85C), 140 mA (rms,<br>125C) |  |
| Leakage Current:       | 22 uA (5min 20°C)   |  |

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