

T491, Tantalum, MnO2 Tantalum, 220 uF, 20%, 6.3 VDC, SMD, MnO2, Molded, 1 Ohms, 6032, Height Max = 2.8mm



| General Information |                   |
|---------------------|-------------------|
| Supplier:           | KEMET             |
| Series:             | T491              |
| Dielectric:         | MnO2 Tantalum     |
| Style:              | SMD Chip          |
| Description:        | SMD, MnO2, Molded |
| RoHS:               | Yes               |
| Termination:        | Tin               |
| Shelf Life:         | 156 Weeks         |
| MSL:                | 1                 |

| 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  |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 220 uF   |
| Capacitance Tolerance: | 20%  |
| Voltage DC:            | 6.3 VDC (85C), 4.22 VDC (125C)                                   |
| Temperature Range:     | -55/+125C  |
| Rated Temperature:     | 85°C   |
| Dissipation Factor:    | 10.00% 120Hz 20c   |
| Failure Rate:          | N/A  |
| Resistance:            | 1 Ohms (100kHz)  |
| Ripple Current:        | 332 mAmps (100kHz 25C),<br>298.8 mAmps (85C), 132.8 mAmps (125C) |
| Leakage Current:       | 13.9 uA (5min 20C)   |

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

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