

T491, Tantalum, MnO2 Tantalum, 33 uF, 10%, 20 VDC, SMD, MnO2, Molded, 800 mOhms, 7343, Height Max = 3.1mm



| General Information |                   |
|---------------------|-------------------|
| Series:             | T491              |
| Dielectric:         | MnO2 Tantalum     |
| Style:              | SMD Chip          |
| Description:        | SMD, MnO2, Molded |
| RoHS:               | Yes               |
| Termination:        | Tin               |
| AEC-Q200:           | No                |
| Component Weight:   | 446.84 mg         |
| Shelf Life:         | 156 Weeks         |
| MSL:                | 1                 |

| Dimensions |                 |
|------------|-----------------|
| Footprint  | 7343            |
| L          | 7.3mm +/-0.3mm  |
| W          | 4.3mm +/-0.3mm  |
| H          | 2.8mm +/-0.3mm  |
| T          | 0.13mm REF      |
| S          | 1.3mm +/-0.3mm  |
| F          | 2.4mm +/-0.1mm  |
| A          | 3.6mm MIN       |
| B          | 0.5mm +/-0.15mm |
| E          | 3.5mm REF       |
| G          | 3.5mm REF       |
| P          | 0.9mm REF       |
| R          | 1mm REF         |
| X          | 0.1mm +/-0.1mm  |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 33 uF  |
| Capacitance Tolerance: | 10%  |
| Voltage DC:            | 20 VDC (85C), 13.4 VDC (125C)  |
| Temperature Range:     | -55/+125°C   |
| Rated Temperature:     | 85°C   |
| Dissipation Factor:    | 6% 120Hz 25C   |
| Failure Rate:          | N/A  |
| Resistance:            | 0.8 Ohms (100kHz 25C)  |
| Ripple Current:        | 433 mA (rms, 100kHz 25C),<br>389.7 mA (rms, 85C), 173.2 mA (rms, 125C) |
| Leakage Current:       | 6.6 uA (5min 25°C)   |

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

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