

T491, Tantalum, MnO2 Tantalum, 4.7 uF, 10%, 50 VDC, SMD, MnO2, Molded, 1.2 Ohms, 7343, Height Max = 3.1mm



| 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  |

| Packaging Specifications |            |
|--------------------------|------------|
| Weight:                  | 446.84 mg  |
| Packaging:               | T&R, 178mm |
| Packaging Quantity:      | 500        |

| General Information |  |
|---------------------|--|
| Supplier:           | KEMET  |
| Series:             | T491   |
| Dielectric:         | MnO2 Tantalum  |
| Style:              | SMD Chip   |
| Description:        | SMD, MnO2, Molded  |
| RoHS:               | No   |
| Prop 65:            | WARNING: Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> |
| REACH:              | SVHC (Pb – CAS 7439-92-1)  |
| Termination:        | Solder Coated  |
| Shelf Life:         | 156 Weeks  |
| MSL:                | 1  |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 4.7 uF  |
| Capacitance Tolerance: | 10%   |
| Voltage DC:            | 50 VDC (85C), 33.5 VDC (125C)                                 |
| Temperature Range:     | -55/+125C   |
| Rated Temperature:     | 85C   |
| Dissipation Factor:    | 6.00% 120Hz 20C   |
| Failure Rate:          | N/A   |
| Resistance:            | 1.2 Ohms (100kHz)   |
| Ripple Current:        | 354 mAmps (100kHz 25C), 318.6 mAmps (85C), 141.6 mAmps (125C) |
| Leakage Current:       | 2.4 uA (5min 20C)   |

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