

T491, Tantalum, MnO2 Tantalum, 47 uF, 10%, 10 VDC, SMD, MnO2, Molded, 800 mOhms, 7343, Height Max = 3.1mm



| 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  | 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:           | 47 uF   |
| Capacitance Tolerance: | 10%   |
| Voltage DC:            | 10 VDC (85C), 6.7 VDC (125C)                                  |
| Temperature Range:     | -55/+125C   |
| Rated Temperature:     | 85°C  |
| Dissipation Factor:    | 6.00% 120Hz 20C   |
| Failure Rate:          | N/A   |
| Resistance:            | 0.8 Ohms (100kHz)   |
| Ripple Current:        | 433 mAmps (100kHz 25C), 389.7 mAmps (85C), 173.2 mAmps (125C) |
| Leakage Current:       | 4.7 uA (5min 20C)   |

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

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