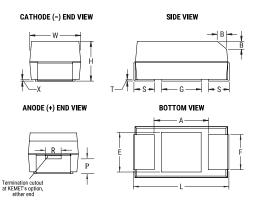
## KEMET Part Number: T491D107K006AT



T491, Tantalum, MnO2 Tantalum, 100 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, 800 mOhms, 7343, Height Max = 3.1mm



| Dimensions |                 |
|------------|-----------------|
| Footprint  | 7343            |
| L          | 7.3mm +/-0.3mm  |
| W          | 4.3mm +/-0.3mm  |
| Н          | 2.8mm +/-0.3mm  |
| Т          | 0.13mm REF      |
| S          | 1.3mm +/-0.3mm  |
| F          | 2.4mm +/-0.1mm  |
| Α          | 3.6mm MIN       |
| В          | 0.5mm +/-0.15mm |
| E          | 3.5mm REF       |
| G          | 3.5mm REF       |
| Р          | 0.9mm REF       |
| R          | 1mm REF         |
| Х          | 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:               | Yes               |  |
| Termination:        | Tin               |  |
| Shelf Life:         | 156 Weeks         |  |
| MSL:                | 1                 |  |

| Specifications         |                                                                     |  |
|------------------------|---------------------------------------------------------------------|--|
| Capacitance:           | 100 uF                                                              |  |
| Capacitance Tolerance: | 10%                                                                 |  |
| Voltage DC:            | 6.3 VDC (85C), 4.22 VDC (125C)                                      |  |
| Temperature Range:     | -55/+125C                                                           |  |
| Rated Temperature:     | 85°C                                                                |  |
| Dissipation Factor:    | 8.00% 120Hz 20C                                                     |  |
| Failure Rate:          | N/A                                                                 |  |
| Resistance:            | 0.8 Ohms (100kHz)                                                   |  |
| Ripple Current:        | 433 mAmps (100kHz 25C),<br>389.7 mAmps (85C), 173.2<br>mAmps (125C) |  |
| Leakage Current:       | 6.3 uA (5min 20C)                                                   |  |

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