

Tantalum, MnO<sub>2</sub> Tantalum, T491, 10 uF, 20%, 20 V, 3216, SMD, MnO<sub>2</sub>, Molded, 5 Ohms, 1.8mm



| General Information |                                |
|---------------------|--------------------------------|
| Dielectric:         | MnO <sub>2</sub> Tantalum      |
| Style:              | SMD Chip                       |
| Series:             | T491                           |
| Description:        | SMD, MnO <sub>2</sub> , Molded |
| RoHS:               | Yes                            |
| Termination:        | Tin                            |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 10 uF   |
| Capacitance Tolerance: | 20%   |
| Voltage DC:            | 20 VDC (85C), 13.4 VDC (125C)                                   |
| Temperature Range:     | -55/+125C   |
| Dissipation Factor:    | 10% 120Hz 20C   |
| Failure Rate:          | N/A   |
| Resistance:            | 5 Ohms (100kHz)   |
| Current:               | 122 mAmps (100kHz 25C),<br>109.8 mAmps (85C), 48.8 mAmps (125C) |
| Leakage:               | 2 uAmps (5min 0C)   |

| Dimensions |                   |
|------------|-------------------|
| Footprint  | 3216              |
| L          | 3.2mm +/-0.2mm    |
| W          | 1.6mm +/-0.2mm    |
| H          | 1.6mm +/-0.2mm    |
| T          | 0.13mm REF        |
| S          | 0.8mm +0.2/-0.3mm |
| F          | 1.2mm +/-0.1mm    |
| A          | 1.2mm MIN         |
| B          | 0.4mm +/-0.15mm   |
| E          | 1.3mm REF         |
| G          | 1.1mm REF         |
| P          | 0.4mm REF         |
| R          | 0.4mm REF         |
| X          | 0.1mm +/-0.1mm    |

| Packaging Specifications |            |
|--------------------------|------------|
| Weight:                  | 58.6 mg    |
| Packaging:               | T&R, 178mm |
| Packaging Quantity:      | 2000       |