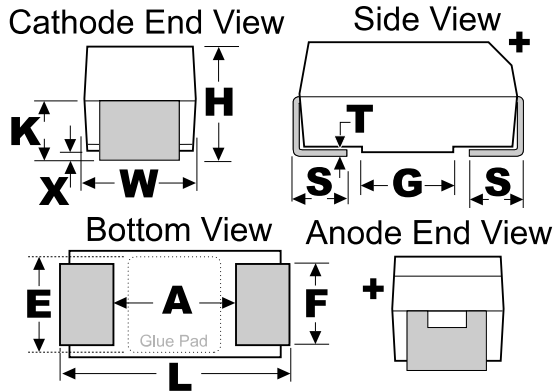


Tantalum, MnO2 Tantalum, T491, 4.7 uF, 10%, 16 V, 3528, SMD, MnO2, Molded, Low Profile, 5 Ohms, Height Max = 1.2mm



| General Information |                                |
|---------------------|--------------------------------|
| Dielectric:         | MnO2 Tantalum                  |
| Style:              | SMD Chip                       |
| Series:             | T491                           |
| Description:        | SMD, MnO2, Molded, Low Profile |
| Features:           | Low Profile                    |
| RoHS:               | Yes                            |
| Termination:        | Tin                            |

| Dimensions |                   |
|------------|-------------------|
| Footprint  | 3528              |
| L          | 3.5mm +/-0.2mm    |
| W          | 2.8mm +/-0.2mm    |
| H          | 1.2mm MAX         |
| T          | 0.13mm REF        |
| S          | 0.8mm +0.1/-0.3mm |
| F          | 2.2mm +/-0.1mm    |
| A          | 1.9mm MIN         |
| E          | 2.2mm REF         |
| G          | 1.8mm REF         |
| X          | 0.05mm REF        |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 4.7 uF   |
| Capacitance Tolerance: | 10%  |
| Voltage DC:            | 16 VDC (85C), 10.72 VDC (125C)                               |
| Temperature Range:     | -55/+125C  |
| Dissipation Factor:    | 6% 120Hz 20C   |
| Failure Rate:          | N/A  |
| Resistance:            | 5 Ohms (100kHz)  |
| Current:               | 118 mAmps (100kHz 25C), 106.2 mAmps (85C), 47.2 mAmps (125C) |
| Leakage Current:       | 0.8 uAmps (5min 20C)   |

| Packaging Specifications |            |
|--------------------------|------------|
| Weight:                  | 63.89 mg   |
| Packaging:               | T&R, 178mm |
| Packaging Quantity:      | 2500       |