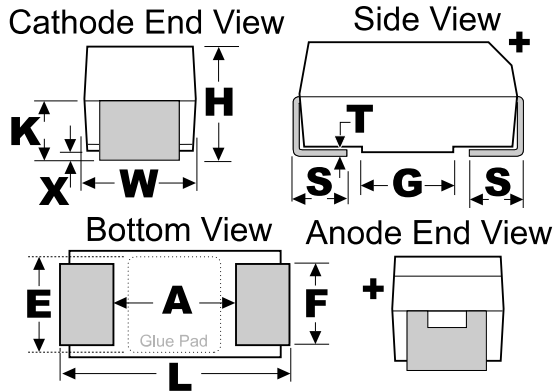


**KEMET Part Number: T491V227K010AT**  
(B45194E2227K409)

Tantalum, MnO2 Tantalum, T491, 220 uF, 10%, 10 V, 7343, SMD, MnO2, Molded, Low Profile, 700 mOhms, Height Max = 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  | 7343           |
| L          | 7.3mm +/-0.3mm |
| W          | 4.3mm +/-0.3mm |
| H          | 2mm MAX        |
| T          | 0.13mm REF     |
| S          | 1.3mm +/-0.3mm |
| F          | 2.4mm +/-0.1mm |
| A          | 3.6mm MIN      |
| E          | 3.5mm REF      |
| G          | 3.5mm REF      |
| X          | 0.05mm REF     |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 220 uF   |
| Capacitance Tolerance: | 10%  |
| Voltage DC:            | 10 VDC (85C), 6.7 VDC (125C)                                     |
| Temperature Range:     | -55/+125C  |
| Dissipation Factor:    | 8% 120Hz 20C   |
| Failure Rate:          | N/A  |
| Resistance:            | 0.7 Ohms (100kHz)  |
| Current:               | 423 mAmps (100kHz 25C),<br>380.7 mAmps (85C), 169.2 mAmps (125C) |
| Leakage Current:       | 22 uAmps (5min 20C)  |

| Packaging Specifications |            |
|--------------------------|------------|
| Weight:                  | 286.4 mg   |
| Packaging:               | T&R, 178mm |
| Packaging Quantity:      | 1000       |

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