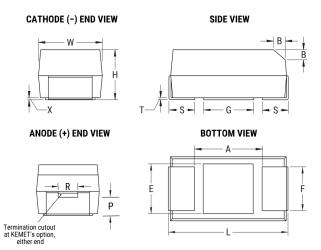


## T496X227K006ATE300

T496, Tantalum, MnO2 Tantalum, Fused, 220 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, Fused, N/A, 300 mOhms, 7343, Height Max = 4.3mm



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| Footprint  | 7343            |
| L          | 7.3mm +/-0.3mm  |
| W          | 4mm +/-0.3mm    |
| Н          | 4mm +/-0.3mm    |
| Т          | 0.13mm REF      |
| S          | 1.3mm +/-0.3mm  |
| F          | 2.4mm +/-0.1mm  |
| A          | 3.8mm MIN       |
| В          | 0.5mm +/-0.15mm |
| Е          | 3.5mm REF       |
| G          | 3.5mm REF       |
| Р          | 1.7mm REF       |
| R          | 1mm REF         |
| Χ          | 0.1mm +/-0.1mm  |

| Packaging Specifications | ,          |
|--------------------------|------------|
| Packaging                | T&R, 178mm |
| Packaging Quantity       | 500        |

| General Information |                          |
|---------------------|--------------------------|
| Series              | T496                     |
| Dielectric          | MnO2 Tantalum            |
| Style               | SMD Chip                 |
| Description         | SMD, MnO2, Molded, Fused |
| Features            | Integral Fuse            |
| RoHS                | Yes                      |
| Termination         | Tin                      |
| AEC-Q200            | No                       |
| Component Weight    | 652.04 mg                |
| Shelf Life          | 156 Weeks                |
| MSL                 | 1                        |

| Specifications           |   |
|--------------------------|---|
| Capacitance              | 220 uF  |
| Capacitance<br>Tolerance | 10%   |
| Voltage DC               | 6.3 VDC (85C), 4.22 VDC (125C)                                      |
| Temperature<br>Range     | -55/+125°C  |
| Rated<br>Temperature     | 85°C  |
| Dissipation Factor       | 8% 120Hz 25C  |
| Failure Rate             | N/A   |
| Resistance               | 300 mOhms (100kHz 25C)  |
| Ripple Current           | 742 mA (rms, 100kHz 25C), 667.8 mA (rms, 85C), 296.8 mA (rms, 125C) |
| Leakage Current          | 13.9 uA (5min 25°C)   |

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