

## T500D336K020AG6110

T500, Tantalum, MnO<sub>2</sub> Tantalum, High Temperature, 33 uF, 10%, 20 VDC, SMD, MnO<sub>2</sub>, Molded, High Temperature, 200C, N/A, 700 mOhms, 7343, Height Max = 3.1mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



Click [here](#) for the 3D model.

### Dimensions

|           |                 |
|-----------|-----------------|
| Footprint | 7343            |
| L         | 7.3mm +/-0.3mm  |
| W         | 4.3mm +/-0.3mm  |
| H         | 2.8mm +/-0.3mm  |
| T         | 0.13mm REF      |
| S         | 1.3mm +/-0.3mm  |
| F         | 2.4mm +/-0.1mm  |
| A         | 3.8mm MIN       |
| B         | 0.5mm +/-0.15mm |
| E         | 3.5mm REF       |
| G         | 3.5mm REF       |
| P         | 0.9mm REF       |
| R         | 1mm REF         |
| X         | 0.1mm +/-0.1mm  |

### Packaging Specifications

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

### General Information

|             |  |
|-------------|--|
| Series      | T500   |
| Dielectric  | MnO <sub>2</sub> Tantalum                              |
| Style       | SMD Chip   |
| Description | SMD, MnO <sub>2</sub> , Molded, High Temperature, 200C |
| Features    | 200C   |
| RoHS        | Yes  |
| Termination | Gold   |
| AEC-Q200    | No   |
| Shelf Life  | 156 Weeks  |
| MSL         | 1  |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 33 uF   |
| Capacitance Tolerance | 10%   |
| Voltage DC            | 20 VDC (85C), 16 VDC (125C), 8 VDC (200C)                                     |
| Temperature Range     | -55/+200°C  |
| Rated Temperature     | 85°C  |
| Humidity              | 85C, 85% RH, 0 V, 1000 Hours  |
| Dissipation Factor    | 6% 120Hz 25C  |
| Failure Rate          | N/A   |
| Resistance            | 700 mOhms (100kHz 25C)  |
| Ripple Current        | 463 mA (rms, 100kHz 25C), 185 mA (rms, 100kHz 125C), 46 mA (rms, 100kHz 200C) |
| Leakage Current       | 6.6 uA (5min 25°C)  |

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