

## T496B334M050AHE10K

T496, Tantalum, MnO2 Tantalum, Fused, .33 uF, 20%, 50 VDC, SMD, MnO2, Molded, Fused, N/A, 10 Ohms, 3528, Height Max = 2.1mm

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| Dimensions |                 | , |
|------------|-----------------|---|
| Footprint  | 3528            |   |
| L          | 3.5mm +/-0.2mm  |   |
| W          | 2.8mm +/-0.2mm  |   |
| Н          | 1.9mm +/-0.2mm  |   |
| Т          | 0.13mm REF      |   |
| S          | 0.8mm +/-0.3mm  |   |
| F          | 2.2mm +/-0.1mm  |   |
| A          | 1.9mm MIN       |   |
| В          | 0.4mm +/-0.15mm |   |
| E          | 2.2mm REF       |   |
| G          | 1.8mm REF       |   |
| Р          | 0.4mm REF       |   |
| R          | 1.5mm REF       |   |
| X          | 0.1mm +/-0.1mm  |   |
|            |                 |   |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging                | T&R, 178mm |
| Packaging Quantity       | 2000       |

| General Information |  |
|---------------------|--|
| Series              | T496   |
| Dielectric          | MnO2 Tantalum  |
| Style               | SMD Chip   |
| Description         | SMD, MnO2, Molded, Fused   |
| Features            | Integral Fuse  |
| RoHS                | No   |
| Prop 65             | ▲ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov. |
| SCIP Number         | 1dd2e1b8-26dd-4d52-927c-6f9d519011aa                                     |
| Termination         | Solder Coated  |
| AEC-Q200            | No   |
| Component<br>Weight | 107.45 mg  |
| Shelf Life          | 156 Weeks  |
| MSL                 | 1  |

| Specifications           |  |
|--------------------------|--|
| Capacitance              | .33 uF   |
| Capacitance<br>Tolerance | 20%  |
| Voltage DC               | 50 VDC (85C), 33.5 VDC (125C)                                    |
| Temperature<br>Range     | -55/+125°C   |
| Rated<br>Temperature     | 85°C   |
| Dissipation Factor       | 4% 120Hz 25C   |
| Failure Rate             | N/A  |
| Resistance               | 10000 mOhms (100kHz 25C)   |
| Ripple Current           | 92 mA (rms, 100kHz 25C), 82.8 mA (rms, 85C), 36.8 mA (rms, 125C) |
| Leakage Current          | 0.5 uA (5min 25°C)   |

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