

T496B105M025ATE5K0

T496, Tantalum, MnO2 Tantalum, Fused, 1 uF, 20%, 25 VDC, SMD, MnO2, Molded, Fused, N/A, 5 Ohms, 3528, Height Max = 2.1mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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

Dimensions

| | |
|-----------|-----------------|
| Footprint | 3528 |
| L | 3.5mm +/-0.2mm |
| W | 2.8mm +/-0.2mm |
| H | 1.9mm +/-0.2mm |
| T | 0.13mm REF |
| S | 0.8mm +/-0.3mm |
| F | 2.2mm +/-0.1mm |
| A | 1.9mm MIN |
| B | 0.4mm +/-0.15mm |
| E | 2.2mm REF |
| G | 1.8mm REF |
| P | 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 | Yes |
| Termination | Tin |
| AEC-Q200 | No |
| Component Weight | 107.45 mg |
| Shelf Life | 156 Weeks |
| MSL | 1 |

Specifications

| | |
|-----------------------|--|
| Capacitance | 1 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 25 VDC (85C), 16.75 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 4% 120Hz 25C |
| Failure Rate | N/A |
| Resistance | 5000 mOhms (100kHz 25C) |
| Ripple Current | 130 mA (rms, 100kHz 25C), 117 mA (rms, 85C), 52 mA (rms, 125C) |
| Leakage Current | 0.5 uA (5min 25°C) |