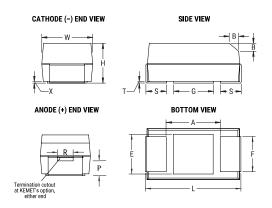
KEMET Part Number: T500B106K010AG6110



T500, Tantalum, MnO2 Tantalum, High Temperature, 10 uF, 10%, 10 VDC, SMD, MnO2, Molded, High Temperature, 200C, N/A, 2.8 Ohms, 3528, Height Max = 2.1mm



| 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 +0.1/-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 | 0.5mm REF | |
| R | 1mm REF | |
| Х | 0.1mm +/-0.1mm | |

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

| General Information | | |
|---------------------|--|--|
| Series: | T500 | |
| Dielectric: | MnO2 Tantalum | |
| Style: | SMD Chip | |
| Description: | SMD, MnO2, Molded, High Temperature, 200C | |
| Features: | 200C | |
| RoHS: | Yes | |
| Termination: | Gold | |
| AEC-Q200: | No | |
| Shelf Life: | 156 Weeks | |
| MSL: | 1 | |

| Specifications | | |
|------------------------|--|--|
| Capacitance: | 10 uF | |
| Capacitance Tolerance: | 10% | |
| Voltage DC: | 10 VDC (85C), 8 VDC (125C), 4 VDC (200C) | |
| Temperature Range: | -55/+200°C | |
| Rated Temperature: | 85°C | |
| Humidity: | 85C, 85% RH, 0 V, 1000 Hours | |
| Dissipation Factor: | 6% 120Hz 20C | |
| Failure Rate: | N/A | |
| Resistance: | 2800 mOhms (100kHz 20C) | |
| Ripple Current: | 174 mA (rms, 100kHz 25C), 70 mA (rms, 100kHz 125C), 17 mA (rms, 100kHz 200C) | |
| Leakage Current: | 1 uA (5min 20°C) | |

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