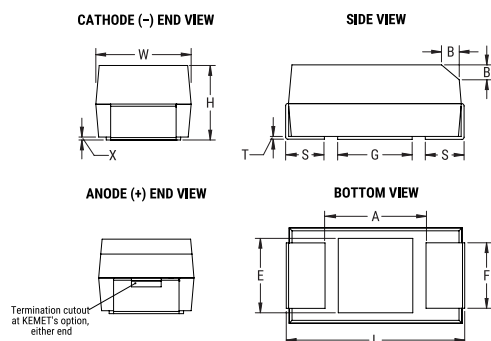


T510, Tantalum, MnO₂ Tantalum, Multi-Anode, 100 uF, 10%, 25 VDC, SMD, MnO₂, Molded, Large Case, Multi-Anode, LowESR, 50 mOhms, 7360, Height Max = 3.8mm



Dimensions

| Footprint | 7360 |
|-----------|-----------------|
| L | 7.3mm +/-0.3mm |
| W | 6mm +/-0.3mm |
| H | 3.6mm +/-0.2mm |
| T | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 4.1mm +/-0.1mm |
| A | 3.8mm MIN |
| B | 0.5mm +/-0.15mm |
| E | 3.5mm REF |
| G | 3.5mm REF |
| X | 0.1mm +/-0.1mm |

Packaging Specifications

| | |
|---------------------|------------|
| Weight: | 500.73 mg |
| Packaging: | T&R, 178mm |
| Packaging Quantity: | 500 |

General Information

| | |
|--------------|---|
| Series: | T510 |
| Dielectric: | MnO ₂ Tantalum |
| Style: | SMD Chip |
| Description: | SMD, MnO ₂ , Molded, Large Case, Multi-Anode, LowESR |
| Features: | Low ESR |
| RoHS: | Yes |
| Termination: | Tin |
| AEC-Q200: | No |
| Shelf Life: | 156 Weeks |
| MSL: | 1 |

Specifications

| | |
|------------------------|---|
| Capacitance: | 100 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 25 VDC (85C), 16.75 VDC (125C) |
| Temperature Range: | -55/+125°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 8% 120Hz 20C |
| Failure Rate: | N/A |
| Resistance: | 50 mOhms (100kHz) |
| Ripple Current: | 2387 mA (rms, 100kHz 25C), 2148.3 mA (rms, 85C), 954.8 mA (rms, 125C) |
| Leakage Current: | 25 uA (5min 20°C) |