



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

General Information

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| Series | T510 |
| Dielectric | MnO2 Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO2, Molded, Multiple Anodes, Low ESR |
| Features | Low ESR |
| RoHS | Yes |
| Termination | Tin |
| Typical Component Weight | 430.15 mg |
| Shelf Life | 156 Weeks |
| MSL | 1 |

Specifications

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|--------------------|--|
| Capacitance | 100 uF |
| Tolerance | 10% |
| Voltage DC | 20 VDC (85C), 13.4 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | N/A |
| ESR | 40 mOhms (100kHz 25C) |
| Ripple Current | 2598 mA (rms, 100kHz 25C), 2338.2 mA (rms, 85C), 1039.2 mA (rms, 125C) |
| Leakage Current | 20 uA (5min 25°C) |

Packaging Specifications

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

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