



General Information

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|-------------|------------------------------------|
| Series | B450 |
| Dielectric | MnO2 Tantalum |
| Style | SMD Chip |
| Description | SMD, Molded, Low ESR, Surge Robust |
| Features | Low ESR, Surge Robust |
| RoHS | Yes |
| Termination | Tin |
| AEC-Q200 | No |

Specifications

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|--------------------|--|
| Capacitance | 1,000 uF |
| Tolerance | 10% |
| Voltage DC | 6.3 VDC (85C), 4.22 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% |
| Failure Rate | N/A |
| ESR | 0.1 Ohms (100kHz) |
| Ripple Current | 1280 mAmps (25C), 1152 mAmps (85C), 512 mAmps (125C) |
| Leakage Current | 63 uA |

Dimensions

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|---|----------------|
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| H | 4.1mm +/-0.3mm |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |

Packaging Specifications

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|--------------------|------------|
| Packaging | T&R, 178mm |
| Packaging Quantity | 400 |