



General Information

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| Series | B450 |
| Dielectric | MnO ₂ Tantalum |
| Style | SMD Chip |
| Description | SMD, Molded, Low ESR, Surge Robust |
| Features | Low ESR, Surge Robust |
| RoHS | Yes |
| Termination | Tin |
| AEC-Q200 | No |
| Notes | Obsolete. Old Part Number [Obsolete] Was B45016B4756M807. |

Specifications

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| Capacitance | 4.7 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 16 VDC (85C), 10.72 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% |
| Failure Rate | N/A |
| Resistance | 0.8 Ohms (100kHz) |
| Ripple Current | 330 mAmps (25C), 297 mAmps (85C), 132 mAmps (125C) |
| Leakage Current | 0.8 uA |

Dimensions

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| Footprint | 3528 |
| L | 3.5mm +/-0.2mm |
| W | 2.8mm +/-0.2mm |
| H | 1.9mm +/-0.2mm |
| S | 0.7mm +/-0.3mm |
| F | 2.2mm +/-0.1mm |
| K | 1.4mm TYP |

Packaging Specifications

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|--------------------|------------|
| Packaging | T&R, 330mm |
| Packaging Quantity | 8000 |