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General Information

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| Series | T498 |
| Dielectric | MnO2 Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200 |
| Features | Automotive, 150C |
| RoHS | Yes |
| Termination | Tin |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 652.04 mg |
| Shelf Life | 156 Weeks |
| MSL | 1 |

Dimensions

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|-----------|--------------------|
| Footprint | 7343 |
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| H | 4mm +/-0.3mm |
| T | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| A | 3.8mm MIN |
| B | 0.5mm +/-0.15mm |
| E | 3.5mm REF |
| G | 3.5mm REF |
| P | 1.7mm REF |
| R | 1mm REF |
| X | 0.1mm +/-0.1mm REF |

Specifications

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|-----------------------|---|
| Capacitance | 100 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 16 VDC (85C), 12.75 VDC (125C), 10.72 VDC (150C) |
| Temperature Range | -55/+150°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | N/A |
| ESR | 75 mOhms (100kHz 25C) |
| Ripple Current | 1483 mA (rms, 100kHz 25C), 1334.7 mA (rms, 85C), 444.9 mA (rms, 150C) |
| Leakage Current | 16 uA (5min 25°C) |

Packaging Specifications

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

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