



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

General Information

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| Series | T499 |
| Dielectric | MnO ₂ Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO ₂ , Molded, Hi-Temp, 175C, Auto, AEC-Q200 |
| Features | Automotive, 175C |
| RoHS | Yes |
| Termination | Tin |
| Qualifications | AEC-Q200 |
| Typical Component Weight | 58.6 mg |
| Shelf Life | 156 Weeks |
| MSL | 1 |

Dimensions

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|---|--------------------|
| L | 3.2mm +/-0.2mm |
| W | 1.6mm +/-0.2mm |
| H | 1.6mm +/-0.2mm |
| T | 0.13mm REF |
| S | 0.8mm +/-0.3mm |
| F | 1.2mm +/-0.1mm |
| A | 1.2mm MIN |
| B | 0.4mm +/-0.15mm |
| E | 1.3mm REF |
| G | 1.1mm REF |
| P | 0.4mm REF |
| R | 0.4mm REF |
| X | 0.1mm +/-0.1mm REF |

Specifications

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| Capacitance | 0.15 uF |
| Tolerance | 10% |
| Voltage DC | 35 VDC (85C), 27.22 VDC (125C), 17.5 VDC (175C) |
| Temperature Range | -55/+175°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 4% 120Hz 25C |
| Failure Rate | N/A |
| ESR | 19000 mOhms (100kHz 25C) |
| Ripple Current | 63 mA (rms, 100kHz 25C), 56.7 mA (rms, 85C), 12.6 mA (rms, 175C) |
| Leakage Current | 0.5 uA (5min 25°C) |

Packaging Specifications

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|--------------------|------------|
| Packaging | T&R, 178mm |
| Packaging Quantity | 2000 |

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