



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

General Information

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|--------------------------|--------------------------------|
| Series | T491 |
| Dielectric | MnO ₂ Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO ₂ , Molded |
| RoHS | Yes |
| Termination | Tin |
| Typical Component Weight | 58.6 mg |
| Shelf Life | 156 Weeks |
| MSL | 1 |

Dimensions

| | |
|---|--------------------|
| L | 3.2mm +/-0.2mm |
| W | 1.6mm +/-0.2mm |
| H | 1.6mm +/-0.2mm |
| T | 0.13mm REF |
| S | 0.8mm +0.2/-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 | 1.5 uF |
| Tolerance | 20% |
| Voltage DC | 10 VDC (85C), 6.7 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | N/A |
| ESR | 8 Ohms (100kHz 25C) |
| Ripple Current | 97 mA (rms, 100kHz 25C), 87.3 mA (rms, 85C), 38.8 mA (rms, 125C) |
| 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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