

T498C226K016ATE1K0

T498, Tantalum, MnO₂ Tantalum, High Temperature, 22 uF, 10%, 16 VDC, SMD, MnO₂, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 1 Ohms, 6032, Height Max = 2.8mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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

General Information

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| Series | T498 |
| Dielectric | MnO ₂ Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO ₂ , Molded, Hi-Temp, 150C, Auto, AEC-Q200 |
| Features | Automotive, 150C |
| RoHS | Yes |
| Termination | Tin |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 224.48 mg |
| Shelf Life | 156 Weeks |
| MSL | 1 |

Specifications

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|-----------------------|--|
| Capacitance | 22 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 | 4.5% 120Hz 25C |
| Failure Rate | N/A |
| Resistance | 1000 mOhms (100kHz 25C) |
| Ripple Current | 332 mA (rms, 100kHz 25C), 298.8 mA (rms, 85C), 99.6 mA (rms, 150C) |
| Leakage Current | 3.5 uA (5min 25°C) |

Dimensions

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|-----------|-----------------|
| Footprint | 6032 |
| L | 6mm +/-0.3mm |
| W | 3.2mm +/-0.3mm |
| H | 2.5mm +/-0.3mm |
| T | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.2mm +/-0.1mm |
| A | 3.1mm MIN |
| B | 0.5mm +/-0.15mm |
| E | 2.4mm REF |
| G | 2.8mm REF |
| P | 0.9mm REF |
| R | 1mm REF |
| X | 0.1mm +/-0.1mm |

Packaging Specifications

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

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