

Tantalum, MnO2 Tantalum, High Temperature, T502, 10 uF, 20%, 16 V, 3528, SMD, MnO2, Molded, High Temperature, 230C, N/A, 2.8 Ohms, Height Max = 2.1mm



| Dimensions | |
|------------|-------------------|
| Footprint | 3528 |
| L | 3.5mm +/-0.2mm |
| W | 2.8mm +/-0.2mm |
| H | 1.9mm +/-0.2mm |
| T | 0.13mm REF |
| S | 0.8mm +0.1/-0.3mm |
| F | 2.2mm +/-0.1mm |
| A | 1.9mm MIN |
| B | 0.4mm +/-0.15mm |
| P | 0.5mm REF |
| R | 1mm REF |
| X | 0.1mm +/-0.1mm |

| Packaging Specifications | |
|--------------------------|------------|
| Weight: | 63 mg |
| Packaging: | T&R, 330mm |
| Packaging Quantity: | 8000 |

| General Information | |
|---------------------|--|
| Dielectric: | MnO2 Tantalum |
| Style: | SMD Chip |
| Series: | T502 |
| Description: | SMD, MnO2, Molded, High Temperature, 230C |
| Features: | 230C |
| RoHS: | Yes |
| Termination: | Gold |
| Notes: | In Polarity Stripe, At KEMET's Option, Type May Be Indicated: No Symbol = Standard (Or Low Leakage) MnO2 Tantalum Chip, O = LowESR T494, R = Low ESR T495, F = Fused T496, HT = 150C Rated T498 (or B45196P, B45198P), H = 175C rated T499, M = Multiple Anode |

| Specifications | |
|------------------------|---|
| Capacitance: | 10 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 16 VDC (85C), 13.1 VDC (125C), 5.3 VDC (230C) |
| Temperature Range: | -55/+230C |
| Dissipation Factor: | 6% 120Hz 25C |
| Failure Rate: | N/A |
| Resistance: | 2.8 Ohms (100kHz) |
| Current: | 174 mAmps (100kHz 45C) |
| Leakage: | 1.6 uAmps (5min 25C) |

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