

Capacitor, Tantalum, 10 uF, 3528, +/-20% Tol, -55/+230C, 16 VDC (85C), Failure Rate=N/A



| General Information | |
|------------------------|---|
| Supplier: | KEMET |
| Application: | High Temperature |
| Sub Application: | (230C) |
| Part Type Description: | SMD, MnO2, Molded, High Temperature, 230C |
| Construction: | Standard Chip-MnO2 |
| Body Type: | SMD Chip |
| Footprint: | 3528 |
| Weight: | 63 mg |
| RoHS: | Yes |

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

| Specifications | |
|-------------------------|--|
| Capacitance: | 10 uF |
| Tolerance: | +/-20% |
| Voltage: | 16 VDC (85C) |
| Voltage: | 6.6 VDC (125C) |
| Voltage: | 3.2 VDC (230C) |
| Temperature Range: | -55/+230C |
| Testing: | 10 Cycles Surge Current Testing At -55C And +85C After Weibull |
| Current/Ripple Current: | 551 mAmps (100kHz 45C) |
| Resistance/ESR: | 2.8 Ohms (100kHz) |
| Failure Rate: | N/A |
| Leakage Current: | 1.6 uA |
| Dissipation Factor: | 6% |

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

| Packaging Specifications | |
|--------------------------|-------------|
| Package Kind: | T&R |
| Package Size: | 7 in/180 mm |
| Package Quantity: | 2000 |