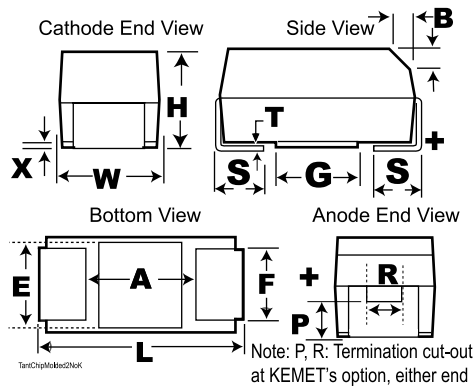


Capacitor, Tantalum, SMD, Polymer, Molded, Low ESR, Non-Combustible, 22 uF, 3216, +/-20% Tol, 6.3V@85C



| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 3.2 | +/-0.2 |
| W | 1.6 | +/-0.2 |
| H | 1.6 | +/-0.2 |
| F | 1.2 | +/-0.1 |
| S | 0.8 | +/-0.3 |
| B | 0.4 | +/-0.15 |
| X | 0.1 | +/-0.1 |
| P | 0.4 | REF |
| R | 0.4 | REF |
| T | 0.13 | REF |
| A | 1.4 | MIN |
| G | 1.1 | REF |
| E | 1.3 | REF |

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 construction T510 (and B45396R), KO = Organic cathode T520 or T521, KT = High temp organic cathode T525, KM = Multiple anode organic cathode T530, FD= Organic cathode face down terminals T528.

| General Information | |
|------------------------|--|
| Supplier: | KEMET |
| Part Type Description: | SMD, Polymer, Molded, Low ESR, Non-Combustible |
| Construction: | Standard Chip-Polymer |

| Specifications | |
|---------------------|-------------------------|
| Capacitance: | 22 uF |
| Voltage DC @ 85C: | 6.3V |
| Voltage DC @ 105C: | 6.3V |
| Tolerance: | +/-20% |
| Application: | General Purpose/Low ESR |
| Temperature Range: | -55/+105C |
| Body Type: | Molded Chip |
| ESR: | 100 mOhm |
| Footprint: | 3216 |
| Termination: | Tin |
| RoHS: | Yes |
| Leakage Current: | 13.9 uA |
| Dissipation Factor: | 8% |
| Ripple @ 25C: | 1.1 A |
| Ripple @ 85C: | 0.77 A |
| Ripple @ 105C: | 0.275 A |

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