

Capacitor, Tantalum, 100 uF, 6032, +/-20% Tol, 6.3V@85C



| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 6         | +/- 0.3   |
| W               | 3.2       | +/- 0.3   |
| H               | 2.5       | +/- 0.3   |
| F               | 2.2       | +/- 0.1   |
| S               | 1.3       | +/- 0.3   |
| B               | 0.5       | +/- 0.15  |
| X               | 0.1       | +/- 0.1   |
| P               | 0.9       | REF       |
| R               | 1         | REF       |
| T               | 0.13      | REF       |
| A               | 2.5       | MIN       |
| G               | 2.8       | REF       |
| E               | 2.4       | 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, KM = Multiple anode, organic cathode, FD= Organic cathode face down terminals T528.

| General Information |                    |
|---------------------|--------------------|
| Supplier:           | KEMET              |
| Construction:       | Standard Chip-MnO2 |

| Specifications      |                         |
|---------------------|-------------------------|
| Capacitance:        | 100 uF                  |
| Voltage DC @ 85C:   | 6.3V                    |
| Voltage DC @ 105C:  | 5.26V                   |
| Voltage DC @ 125C:  | 4.22V                   |
| Tolerance:          | +/-20%                  |
| Application:        | General Purpose/Low ESR |
| Temperature Range:  | -55/+125C               |
| Body Type:          | Molded Chip             |
| ESR:                | 150 mOhm                |
| Footprint:          | 6032                    |
| Termination:        | Tin                     |
| RoHS:               | Yes                     |
| Leakage Current:    | 6.3 uA                  |
| Dissipation Factor: | 8%                      |
| Ripple @ 25C:       | 0.856 A                 |
| Ripple @ 85C:       | 0.77 A                  |
| Ripple @ 105C:      | 0.556 A                 |
| Ripple @ 125C:      | 0.342 A                 |

| Packaging Specifications |     |
|--------------------------|-----|
| Package Kind:            | T&R |
| Package Size:            | 7in |
| Package Quantity:        | 500 |