

Capacitor, Tantalum, SMD, Polymer, Molded, Low ESR, Non-Combustible, 680 uF, 7343, +/-20% Tol, 6.3V@85C



| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 7.3       | +/- 0.3   |
| W               | 4.3       | +/- 0.3   |
| H               | 4         | +/- 0.3   |
| F               | 2.4       | +/- 0.1   |
| S               | 1.3       | +/- 0.3   |
| B               | 0.5       | +/- 0.15  |
| X               | 0.1       | +/- 0.1   |
| P               | 1.7       | REF       |
| R               | 1         | REF       |
| T               | 0.13      | REF       |
| A               | 3.8       | MIN       |
| G               | 3.5       | REF       |
| E               | 3.5       | 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, H2 = 200C rated T500, 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  |
| Part Type Description: | SMD, Polymer, Molded, Low ESR, Non-Combustible |
| Construction:          | Multiple Anode Chip-Polymer                    |

| Specifications      |                         |
|---------------------|-------------------------|
| Capacitance:        | 680 uF                  |
| Voltage DC @ 85C:   | 6.3V                    |
| Voltage DC @ 105C:  | 6.3V                    |
| Voltage DC @ 125C:  | 4.22V                   |
| Tolerance:          | +/-20%                  |
| Application:        | General Purpose/Low ESR |
| Temperature Range:  | -55/+125C               |
| Body Type:          | Molded Chip             |
| ESR:                | 18 mOhm                 |
| Footprint:          | 7343                    |
| Termination:        | Tin                     |
| RoHS:               | Yes                     |
| Leakage Current:    | 428.4 uA                |
| Dissipation Factor: | 8%                      |
| Ripple @ 25C:       | 3.9 A                   |
| Ripple @ 85C:       | 2.73 A                  |
| Ripple @ 105C:      | 1.8525 A                |
| Ripple @ 125C:      | 0.975 A                 |

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