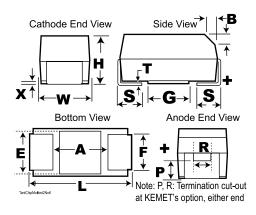
## KEMET Part Number: T491B336K006AT



## Capacitor, Tantalum, 33 uF, 3528, +/-10% Tol, 6.3V@85C



| Dimensions (mm) |           |           |  |  |
|-----------------|-----------|-----------|--|--|
| Symbol          | Dimension | Tolerance |  |  |
| L               | 3.5       | +/-0.2    |  |  |
| W               | 2.8       | +/-0.2    |  |  |
| Н               | 1.9       | +/-0.2    |  |  |
| F               | 2.2       | +/-0.1    |  |  |
| S               | 0.8       | +/-0.3    |  |  |
| В               | 0.4       | +/-0.15   |  |  |
| Х               | 0.1       | +/-0.1    |  |  |
| Р               | 0.5       | REF       |  |  |
| R               | 1         | REF       |  |  |
| Т               | 0.13      | REF       |  |  |
| A               | 2.1       | MIN       |  |  |
| G               | 1.8       | REF       |  |  |
| E               | 2.2       | REF       |  |  |

| -111 |   |
|------|---|
| no   | 1 |

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              |  |  |  |
| Construction:       | Standard Chip-MnO2 |  |  |  |

| Specifications      |                 |  |  |  |
|---------------------|-----------------|--|--|--|
| Capacitance:        | 33 uF           |  |  |  |
| Voltage DC @ 85C:   | 6.3V            |  |  |  |
| Voltage DC @ 105C:  | 5.2V            |  |  |  |
| Voltage DC @ 125C:  | 4V              |  |  |  |
| Tolerance:          | +/-10%          |  |  |  |
| Application:        | General Purpose |  |  |  |
| Temperature Range:  | -55/+125C       |  |  |  |
| Body Type:          | Molded Chip     |  |  |  |
| ESR:                | 3 Ohm           |  |  |  |
| Footprint:          | 3528            |  |  |  |
| Termination:        | Tin             |  |  |  |
| RoHS:               | Yes             |  |  |  |
| Leakage Current:    | 2.1 uA          |  |  |  |
| Dissipation Factor: | 6%              |  |  |  |
| Ripple @ 25C:       | 0.168 A         |  |  |  |
| Ripple @ 85C:       | 0.1512 A        |  |  |  |
| Ripple @ 105C:      | 0.1092 A        |  |  |  |
| Ripple @ 125C:      | 0.0672 A        |  |  |  |

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

| Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and    | _ |
|--|---|
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| requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us     |   |
| with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.                                    |   |

