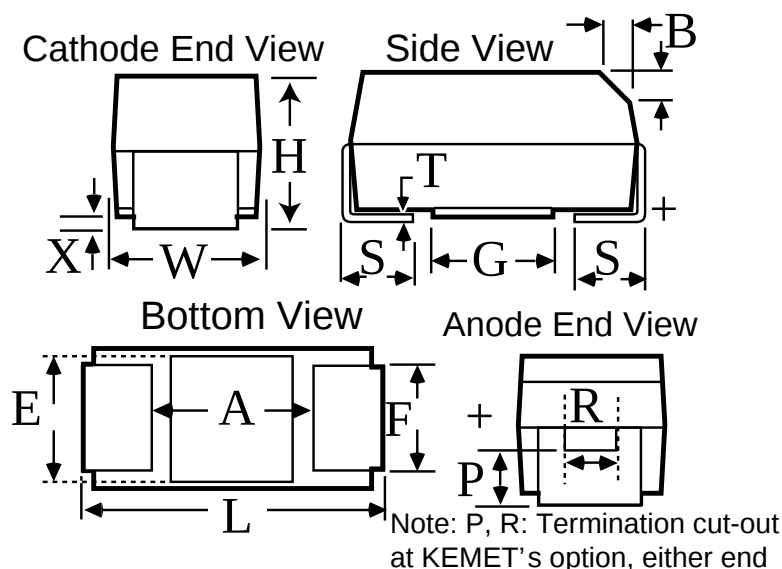


Capacitor, tantalum, 15 uF, 6032, +/-20% Tol, 10V@85C



## Dimensions (mm)

## Specifications

| ID | Dimension | Tolerance | Manufacturer:       | KEMET           |
|----|-----------|-----------|---------------------|-----------------|
| L  | 6         | +/-0.3    | Capacitance:        | 15 uF           |
| W  | 3.2       | +/-0.3    | Voltage DC @ 85C:   | 10V             |
| H  | 2.5       | +/-0.3    | Voltage DC @ 105C:  | 8.5V            |
| F  | 2.2       | +/-0.1    | Voltage DC @ 125C:  | 7V              |
| S  | 1.3       | +/-0.3    | Tolerance:          | +/-20%          |
| B  | 0.5       | +/-0.15   | Application:        | General Purpose |
| X  | 0.1       | +/-0.1    | Body Type:          | Molded Chip     |
| P  | 0.9       | ref       | Temperature Range:  | -55/+125C       |
| R  | 1         | ref       | ESR:                | 1.8 Ohm         |
| T  | 0.13      | ref       | Footprint:          | 6032            |
| A  | 3.1       | min       | Termination:        | Solder Plated   |
| G  | 2.8       | ref       | Leakage Current:    | 1.5 uA          |
| E  | 2.4       | ref       | Dissipation Factor: | 6%              |
|    |           |           | Ripple @ 25C:       | 0.247 A         |
|    |           |           | Ripple @ 85C:       | 0.222 A         |
|    |           |           | Ripple @ 105C:      | 0.161 A         |
|    |           |           | Ripple @ 125C:      | 0.099 A         |
|    |           |           | Package Kind:       | T&R             |
|    |           |           | Package Quantity:   | 3000            |

### Notes:

-In polarity stripe, at KEMET's option, type may be indicated:  
 no symbol = Standard 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 T530 (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.