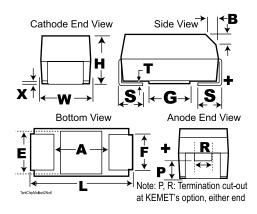
KEMET Part Number: T491C106K016AT



Capacitor, Tantalum, SMD, MnO2, Molded, 10 uF, 6032, +/-10% Tol, 16V@85C



| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 6 | +/- 0.3 |
| W | 3.2 | +/- 0.3 |
| Н | 2.5 | +/- 0.3 |
| F | 2.2 | +/- 0.1 |
| S | 1.3 | +/- 0.3 |
| В | 0.5 | +/- 0.15 |
| Х | 0.1 | +/- 0.1 |
| Р | 0.9 | REF |
| R | 1 | REF |
| Т | 0.13 | REF |
| Α | 2.5 | MIN |
| G | 2.8 | REF |
| E | 2.4 | REF |

| General Information | | |
|------------------------|--------------------|--|
| Supplier: | KEMET | |
| Part Type Description: | SMD, MnO2, Molded | |
| Construction: | Standard Chip-MnO2 | |

| Specifications | | |
|---------------------|-----------------|--|
| Capacitance: | 10 uF | |
| Voltage DC @ 85C: | 16V | |
| Voltage DC @ 105C: | 13.36V | |
| Voltage DC @ 125C: | 10.72V | |
| Tolerance: | +/-10% | |
| Application: | General Purpose | |
| Temperature Range: | -55/+125C | |
| Body Type: | Molded Chip | |
| ESR: | 1.8 Ohm | |
| Footprint: | 6032 | |
| Termination: | Tin | |
| RoHS: | Yes | |
| Leakage Current: | 1.6 uA | |
| Dissipation Factor: | 6% | |
| Ripple @ 25C: | 0.247 A | |
| Ripple @ 85C: | 0.222 A | |
| Ripple @ 105C: | 0.161 A | |
| Ripple @ 125C: | 0.099 A | |

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

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.

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 we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the 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.

