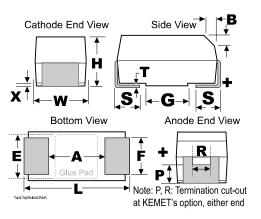
KEMET Part Number: T513D107K016BH6110



Tantalum, MnO2 Tantalum, COTS Multi-Anode, T513_COTS, 100 uF, 10%, 16 V, 7343, SMD, MnO2, Molded, Military Equivalent, MAT COTS, B (0.1%/1000 Hrs), 75 mOhms, Height Max = 3.1mm



| Dimensions | | |
|------------|-----------------|--|
| Footprint | 7343 | |
| L | 7.3mm +/-0.3mm | |
| W | 4.3mm +/-0.3mm | |
| Н | 2.8mm +/-0.3mm | |
| Т | 0.13mm REF | |
| S | 1.3mm +/-0.3mm | |
| F | 2.4mm +/-0.1mm | |
| A | 3.8mm MIN | |
| В | 0.5mm +/-0.15mm | |
| E | 3.5mm REF | |
| G | 3.5mm REF | |
| Р | 0.9mm REF | |
| R | 1mm REF | |
| X | 0.1mm +/-0.1mm | |

| Packaging Specifications | | |
|--------------------------|------------|--|
| Weight: | 349.43 mg | |
| Packaging: | T&R, 178mm | |
| Packaging Quantity: | 500 | |

| General Information | |
|---------------------|--|
| Dielectric: | MnO2 Tantalum |
| Style: | SMD Chip |
| Series: | T513_COTS |
| Description: | SMD, MnO2, Molded, Military Equivalent, MAT COTS |
| Features: | Multiple Anode, MAT COTS, Low ESR |
| RoHS: | No |
| Termination: | Solder Coated |
| 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 |

| Specifications | | |
|--------------------------|--------------------------------|--|
| Capacitance: | 100 uF | |
| Capacitance Tolerance: | 10% | |
| Voltage DC: | 16 VDC (85C), 10.72 VDC (125C) | |
| Temperature Range: | -55/+125C | |
| Dissipation Factor: | 6% | |
| Failure Rate: | B (0.1%/1000 Hrs) | |
| Resistance: | 75 mOhms (100kHz 20C) | |
| Leakage Current: | 16 uAmps (20C) | |
| Testing and Reliability: | Standard Testing Only | |

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.

