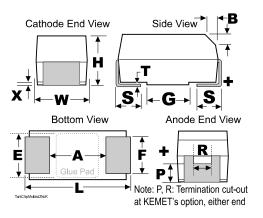
KEMET Part Number: T513X477K006AH6110



Tantalum, MnO2 Tantalum, COTS Multi-Anode, T513_COTS, 470 uF, 10%, 6.3 V, 7343, SMD, MnO2, Molded, Military Equivalent, MAT COTS, A (Non-ER), 30 mOhms, Height Max = 4.3mm



| Dimensions | | |
|------------|-----------------|--|
| Footprint | 7343 | |
| L | 7.3mm +/-0.3mm | |
| W | 4.3mm +/-0.3mm | |
| Н | 4mm +/-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 | 1.7mm REF | |
| R | 1mm REF | |
| Х | 0.1mm +/-0.1mm | |

| Packaging Specifications | | |
|--------------------------|------------|--|
| Weight: | 430.15 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 = Low ESR T494, R = Low ESR T495, F = Fused T496, HT = 150C Rated T498 (or B45196P, B45198P), H = 175C Rated T499, H2 = 200C Rated T5 | |

| Specifications | |
|--------------------------|--------------------------------|
| Capacitance: | 470 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 6.3 VDC (85C), 4.22 VDC (125C) |
| Temperature Range: | -55/+125C |
| Dissipation Factor: | 6% |
| Failure Rate: | A (Non-ER) |
| Resistance: | 30 mOhms (100kHz 20C) |
| Leakage Current: | 29.6 uAmps (20C) |
| Testing and Reliability: | Standard Testing Only |

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