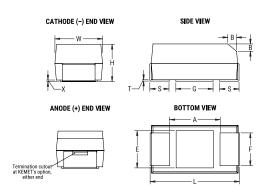
KEMET Part Number: T510E108K004CT611A



T510 Space, Tantalum, MnO2 Tantalum, Space Multi-Anode, 1,000 uF, 10%, 4 VDC, SMD, MnO2, Molded, Large Case, Multi-Anode, LowESR, 18 mOhms, 7360, Height Max = 3.8mm



| General Information | |
|---------------------|---|
| Series: | T510 Space |
| Dielectric: | MnO2 Tantalum |
| Style: | SMD Chip |
| Description: | SMD, MnO2, Molded, Large Case, Multi-Anode, LowESR |
| Features: | Multiple Anode, Low ESR, Aerospace |
| RoHS: | Yes |
| Termination: | Tin |
| AEC-Q200: | No |
| Component Weight: | 500.73 mg |

| Dimensions | |
|------------|-----------------|
| Footprint | 7360 |
| L | 7.3mm +/-0.3mm |
| W | 6mm +/-0.3mm |
| Н | 3.6mm +/-0.2mm |
| Т | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 4.1mm +/-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 |

| Specifications | |
|------------------------|---|
| Capacitance: | 1,000 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 4 VDC (85C), 2.68 VDC (125C) |
| Temperature Range: | -55/+125°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 6% 120Hz 20C |
| Failure Rate: | C (0.01%/1000 Hrs) |
| Resistance: | 18 mOhms (100kHz 20C) |
| Ripple Current: | 3900 mA (100kHz 25C), 3510 mA (100kHz 85C), 1560 mA (100kHz 125C) |
| Leakage Current: | 40 uA (5min 20°C) |

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

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.



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