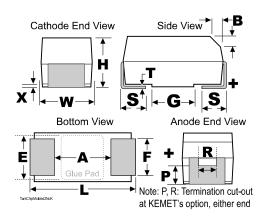
## KEMET Part Number: T510X106K050ATE090



Tantalum, MnO2 Tantalum, Multi-Anode, T510, 10 uF, 10%, 50 V, 7343, SMD, MnO2, Molded, Multiple Anodes, Low ESR, 90 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  |
| Α          | 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:             | T510   |  |
| Description:        | SMD, MnO2, Molded, Multiple<br>Anodes, Low ESR |  |
| Features:           | Low ESR  |  |
| RoHS:               | Yes  |  |
| Termination:        | Tin  |  |

| Specifications         |   |  |
|------------------------|---|--|
| Capacitance:           | 10 uF   |  |
| Capacitance Tolerance: | 10%   |  |
| Voltage DC:            | 50 VDC (85C), VDC (125C)  |  |
| Temperature Range:     | -55/+125C   |  |
| Dissipation Factor:    | 8% 120Hz 20C  |  |
| Failure Rate:          | N/A   |  |
| Resistance:            | 90 mOhms (100kHz)   |  |
| Current:               | 1732 mAmps (100kHz 25C),<br>1558.8 mAmps (85C), 692.8<br>mAmps (125C) |  |
| Leakage Current:       | 5 uAmps (5min 20C)  |  |

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