

T510, Tantalum, MnO2 Tantalum, Multi-Anode, 68 uF, 20%, 25 VDC, SMD, MnO2, Molded, Multiple Anodes, Low ESR, 45 mOhms, 7343, Height Max = 4.3mm



| General Information |   |
|---------------------|---|
| Series:             | T510  |
| Dielectric:         | MnO2 Tantalum                               |
| Style:              | SMD Chip                                    |
| Description:        | SMD, MnO2, Molded, Multiple Anodes, Low ESR |
| Features:           | Low ESR                                     |
| RoHS:               | Yes   |
| Termination:        | Tin   |
| AEC-Q200:           | No  |
| Component Weight:   | 430.15 mg                                   |
| Shelf Life:         | 156 Weeks                                   |
| MSL:                | 1   |

| Dimensions |                 |
|------------|-----------------|
| Footprint  | 7343            |
| L          | 7.3mm +/-0.3mm  |
| W          | 4.3mm +/-0.3mm  |
| H          | 4mm +/-0.3mm    |
| T          | 0.13mm REF      |
| S          | 1.3mm +/-0.3mm  |
| F          | 2.4mm +/-0.1mm  |
| A          | 3.8mm MIN       |
| B          | 0.5mm +/-0.15mm |
| E          | 3.5mm REF       |
| G          | 3.5mm REF       |
| P          | 1.7mm REF       |
| R          | 1mm REF         |
| X          | 0.1mm +/-0.1mm  |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 68 uF  |
| Capacitance Tolerance: | 20%  |
| Voltage DC:            | 25 VDC (85C), 16.75 VDC (125C)   |
| Temperature Range:     | -55/+125°C   |
| Rated Temperature:     | 85°C   |
| Dissipation Factor:    | 8% 120Hz 25C   |
| Failure Rate:          | N/A  |
| Resistance:            | 45 mOhms (100kHz 25C)  |
| Ripple Current:        | 2449 mA (rms, 100kHz 25C),<br>2204.1 mA (rms, 85C), 979.6 mA (rms, 125C) |
| Leakage Current:       | 17 uA (5min 25°C)  |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging:               | T&R, 330mm |
| Packaging Quantity:      | 2000       |

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