

T510, Tantalum, MnO2 Tantalum, Multi-Anode, 47 uF, 20%, 35 VDC, SMD, MnO2, Molded, Multiple Anodes, Low ESR, 65 mOhms, 7343, Height Max = 4.3mm



| 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  |

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

| General Information |   |
|---------------------|---|
| Series:             | T510  |
| Dielectric:         | MnO2 Tantalum   |
| Style:              | SMD Chip  |
| Description:        | SMD, MnO2, Molded, Multiple Anodes, Low ESR   |
| Features:           | Low ESR   |
| RoHS:               | No  |
| Prop 65:            | <b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> |
| SCIP Number:        | b064b03e-bd75-42af-b342-1fe94dec2340  |
| Termination:        | Solder Coated   |
| AEC-Q200:           | No  |
| Component Weight:   | 430.15 mg   |
| Shelf Life:         | 156 Weeks   |
| MSL:                | 1   |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 47 uF   |
| Capacitance Tolerance: | 20%   |
| Voltage DC:            | 35 VDC (85C), 23.45 VDC (125C)  |
| Temperature Range:     | -55/+125°C  |
| Rated Temperature:     | 85°C  |
| Dissipation Factor:    | 8% 120Hz 25C  |
| Failure Rate:          | N/A   |
| Resistance:            | 65 mOhms (100kHz 25C)   |
| Ripple Current:        | 2038 mA (rms, 100kHz 25C), 1834.2 mA (rms, 85C), 815.2 mA (rms, 125C) |
| Leakage Current:       | 16.5 uA (5min 25°C)   |

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