

T500, Tantalum, MnO2 Tantalum, High Temperature, 100 uF, 10%, 16 VDC, SMD, MnO2, Molded, High Temperature, 200C, N/A, 250 mOhms, 7343, Height Max = 4.3mm



| General Information |   |
|---------------------|---|
| Series:             | T500                                      |
| Dielectric:         | MnO2 Tantalum                             |
| Style:              | SMD Chip                                  |
| Description:        | SMD, MnO2, Molded, High Temperature, 200C |
| Features:           | 200C                                      |
| RoHS:               | Yes                                       |
| Termination:        | Gold                                      |
| AEC-Q200:           | No  |
| 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:           | 100 uF  |
| Capacitance Tolerance: | 10%   |
| Voltage DC:            | 16 VDC (85C), 12.8 VDC (125C), 6.4 VDC (200C)                                 |
| Temperature Range:     | -55/+200°C  |
| Rated Temperature:     | 85°C  |
| Humidity:              | 85C, 85% RH, 0 V, 1000 Hours  |
| Dissipation Factor:    | 8% 120Hz 20C  |
| Failure Rate:          | N/A   |
| Resistance:            | 250 mOhms (100kHz 20C)  |
| Ripple Current:        | 812 mA (rms, 100kHz 25C), 325 mA (rms, 100kHz 125C), 81 mA (rms, 100kHz 200C) |
| Leakage Current:       | 16 uA (5min 20°C)   |

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

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