

T500, Tantalum, MnO₂ Tantalum, High Temperature, 6.8 uF, 20%, 35 VDC, SMD, MnO₂, Molded, High Temperature, 200C, N/A, 1.3 Ohms, 7343, Height Max = 3.1mm



Dimensions

| Footprint | 7343 |
|-----------|-----------------|
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| H | 2.8mm +/-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 | 0.9mm REF |
| R | 1mm REF |
| X | 0.1mm +/-0.1mm |

Packaging Specifications

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

General Information

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|--------------|--|
| Series: | T500 |
| Dielectric: | MnO ₂ Tantalum |
| Style: | SMD Chip |
| Description: | SMD, MnO ₂ , Molded, High Temperature, 200C |
| Features: | 200C |
| RoHS: | Yes |
| Termination: | Gold |
| AEC-Q200: | No |
| Shelf Life: | 156 Weeks |
| MSL: | 1 |

Specifications

| | |
|------------------------|---|
| Capacitance: | 6.8 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 35 VDC (85C), 28 VDC (125C), 14 VDC (200C) |
| Temperature Range: | -55/+200°C |
| Rated Temperature: | 85°C |
| Humidity: | 85C, 85% RH, 0 V, 1000 Hours |
| Dissipation Factor: | 6% 120Hz 20C |
| Failure Rate: | N/A |
| Resistance: | 1300 mOhms (100kHz 20C) |
| Ripple Current: | 340 mA (rms, 100kHz 25C), 136 mA (rms, 100kHz 125C), 34 mA (rms, 100kHz 200C) |
| Leakage Current: | 2.4 uA (5min 20°C) |