

Tantalum, MnO2 Tantalum, High Temperature, T498, 100 uF, 10%, 10 V, 7343, SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 600 mOhms, Height Max = 3.1mm



| General Information | |
|---------------------|--|
| Dielectric: | MnO2 Tantalum |
| Style: | SMD Chip |
| Series: | T498 |
| Description: | SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200 |
| Features: | Automotive, 150C |
| RoHS: | Yes |
| Termination: | Tin |
| Approvals: | AEC-Q200 |
| AEC-Q200: | Yes |

| 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 |

| Specifications | |
|------------------------|---|
| Capacitance: | 100 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 10 VDC (85C), 7.97 VDC (125C), 5 VDC (150C) |
| Temperature Range: | -55/+150C |
| Dissipation Factor: | 6% 120Hz 20C |
| Failure Rate: | N/A |
| Resistance: | 600 mOhms (100kHz) |
| Current: | 500 mAmps (100kHz 25C), 450 mAmps (85C), 150 mAmps (150C) |
| Leakage Current: | 10 uAmps (5min 20C) |

| Packaging Specifications | |
|--------------------------|------------|
| Weight: | 446.84 mg |
| Packaging: | T&R, 178mm |
| Packaging Quantity: | 500 |

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