

## T495D107K010ATA800

T495 Auto, Tantalum, MnO2 Tantalum, 100 uF, 10%, 10 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 800 mOhms, 7343, Height Max = 3.1mm



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| Footprint  | 7343            |
| L          | 7.3mm +/-0.3mm  |
| W          | 4.3mm +/-0.3mm  |
| Н          | 2.8mm +/-0.3mm  |
| Т          | 0.13mm REF      |
| S          | 1.3mm +/-0.3mm  |
| F          | 2.4mm +/-0.1mm  |
| Α          | 3.6mm MIN       |
| В          | 0.5mm +/-0.15mm |
| E          | 3.5mm REF       |
| G          | 3.5mm REF       |
| Р          | 0.9mm REF       |
| R          | 1mm REF         |
| X          | 0.1mm +/-0.1mm  |

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

| General Information |  |
|---------------------|--|
| Series              | T495 Auto                                      |
| Dielectric          | MnO2 Tantalum                                  |
| Style               | SMD Chip                                       |
| Description         | SMD, MnO2, Molded, Low ESR, Auto, AEC-<br>Q200 |
| Features            | Low ESR, Automotive                            |
| RoHS                | Yes  |
| Termination         | Tin  |
| Qualifications      | AEC-Q200                                       |
| AEC-Q200            | Yes  |
| Component<br>Weight | 446.84 mg                                      |

| Specifications           |   |
|--------------------------|---|
| Capacitance              | 100 uF  |
| Capacitance<br>Tolerance | 10%   |
| Voltage DC               | 10 VDC (85C), 6.7 VDC (125C)  |
| Temperature<br>Range     | -55/+125°C  |
| Rated<br>Temperature     | 85°C  |
| Dissipation Factor       | 8% 120Hz 25C  |
| Failure Rate             | N/A   |
| Resistance               | 800 mOhms (100kHz 25C)  |
| Ripple Current           | 433 mA (rms, 100kHz 25C), 389.7 mA (rms, 85C), 173.2 mA (rms, 125C) |
| Leakage Current          | 10 uA (5min 25°C)   |

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