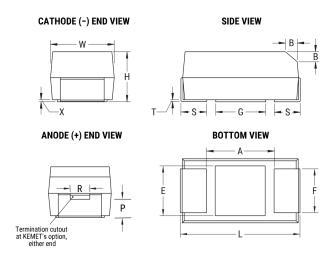


## T495D107K010ATA100

T495 Auto, Tantalum, MnO2 Tantalum, 100 uF, 10%, 10 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 100 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         |
| Χ          | 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               | 100 mOhms (100kHz 25C)  |
| Ripple Current           | 1225 mA (rms, 100kHz 25C), 1102.5 mA (rms, 85C), 490 mA (rms, 125C) |
| Leakage Current          | 10 uA (5min 25°C)   |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.