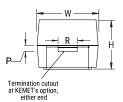


## T495D227M010ATA800

**General Information** 

T495 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 220 uF, 20%, 10 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 800 mOhms, 7343, 3.1 mm, 1.3 mm

CATHODE (-) END VIEW



SIDE VIEW

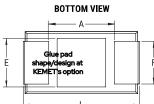


Dimensions

L

W

ANODE (+) END VIEW



7.3mm +/-0.3mm

4.3mm +/-0.3mm

Click here for the 3D model.

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

| Specifications     |   |
|--------------------|---|
| Capacitance        | 220 uF  |
| Tolerance          | 20%   |
| Voltage DC         | 10 VDC (85C), 6.7 VDC (125C)  |
| Temperature Range  | -55/+125°C  |
| Rated Temperature  | 85°C  |
| Dissipation Factor | 10% 120Hz 25C   |
| Failure Rate       | N/A   |
| ESR                | 800 mOhms (100kHz 25C)  |
| Ripple Current     | 433 mA (rms, 100kHz 25C),<br>389.7 mA (rms, 85C), 173.2 mA<br>(rms, 125C) |
| Leakage Current    | 22 uA (5min 25°C)   |

| 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            |
| х | 0.1mm +/-0.1mm REF |

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

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.