

## T495X227M010ATA600

T495 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 220 uF, 20%, 10 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 600 mOhms, 7343, 4.3 mm, 1.3 mm

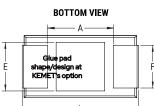
CATHODE (-) END VIEW



ANODE (+) END VIEW

SIDE VIEW





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| General Information      |   |
|--------------------------|---|
| 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 | 652.04 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 | 8% 120Hz 25C  |
| Failure Rate       | N/A   |
| ESR                | 600 mOhms (100kHz 25C)  |
| Ripple Current     | 524 mA (rms, 100kHz 25C),<br>471.6 mA (rms, 85C), 209.6 mA<br>(rms, 125C) |
| Leakage Current    | 22 uA (5min 25°C)   |

| Dimensions |                    |
|------------|--------------------|
| L          | 7.3mm +/-0.3mm     |
| W          | 4.3mm +/-0.3mm     |
| н          | 4mm +/-0.3mm       |
| т          | 0.13mm REF         |
| S          | 1.3mm +/-0.3mm     |
| F          | 2.4mm +/-0.1mm     |
| A          | 3.6mm MIN          |
| В          | 0.5mm +/-0.15mm    |
| E          | 3.5mm REF          |
| G          | 3.5mm REF          |
| Р          | 1.7mm REF          |
| R          | 1mm REF            |
| Х          | 0.1mm +/-0.1mm REF |
|            |                    |

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

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