

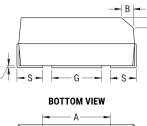
## T495X107K016AHA100

T495 Auto, Tantalum, MnO2 Tantalum, 100 uF, 10%, 16 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 100 mOhms, 7343, Height Max = 4.3mm

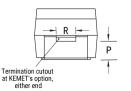
CATHODE (-) END VIEW

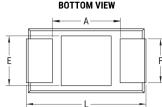


ANODE (+) END VIEW



SIDE VIEW





Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| Footprint  | 7343            |
| 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  |
| А          | 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  |
|            |                 |

Т

| 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-Q200                                |
| Features            | Low ESR, Automotive   |
| RoHS                | No  |
| Prop 65             | WARNING: Cancer and reproductive harm -<br>http://www.p65warnings.ca.gov. |
| SCIP Number         | 1dd2e1b8-26dd-4d52-927c-6f9d519011aa                                      |
| Termination         | Solder Coated   |
| Qualifications      | AEC-Q200  |
| AEC-Q200            | Yes   |
| Component<br>Weight | 652.04 mg   |

| Specifications            |  |
|---------------------------|--|
| Capacitance               | 100 uF   |
| Capacitance<br>Tolerance  | 10%  |
| Voltage DC                | 16 VDC (85C), 10.72 VDC (125C)   |
| Temperature<br>Range      | -55/+125°C   |
| Rated<br>Temperature      | 85°C   |
| <b>Dissipation Factor</b> | 8% 120Hz 25C   |
| Failure Rate              | N/A  |
| Resistance                | 100 mOhms (100kHz 25C)   |
| Ripple Current            | 1285 mA (rms, 100kHz 25C), 1156.5 mA (rms,<br>85C), 514 mA (rms, 125C) |
| Leakage Current           | 16 uA (5min 25°C)  |

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