



Click [here](#) for the 3D model.

### 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                  | <b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a> |
| SCIP Number              | 1dd2e1b8-26dd-4d52-927c-6f9d519011aa   |
| Termination              | Tin Lead (SnPb)  |
| Qualifications           | AEC-Q200   |
| Typical Component Weight | 58.6 mg  |

### Dimensions

|   |                    |
|---|--------------------|
| L | 3.2mm +/-0.2mm     |
| W | 1.6mm +/-0.2mm     |
| H | 1.6mm +/-0.2mm     |
| T | 0.13mm REF         |
| S | 0.8mm +0.2/-0.3mm  |
| F | 1.2mm +/-0.1mm     |
| A | 1.2mm MIN          |
| B | 0.4mm +/-0.15mm    |
| E | 1.3mm REF          |
| G | 1.1mm REF          |
| P | 0.4mm REF          |
| R | 0.4mm REF          |
| X | 0.1mm +/-0.1mm REF |

### Specifications

|                    |   |
|--------------------|---|
| Capacitance        | 1 uF  |
| Tolerance          | 20%   |
| Voltage DC         | 35 VDC (85C), 23.45 VDC (125C)                                    |
| Temperature Range  | -55/+125°C  |
| Rated Temperature  | 85°C  |
| Dissipation Factor | 4% 120Hz 25C  |
| Failure Rate       | N/A   |
| ESR                | 7000 mOhms (100kHz 25C)   |
| Ripple Current     | 104 mA (rms, 100kHz 25C), 93.6 mA (rms, 85C), 41.6 mA (rms, 125C) |
| Leakage Current    | 0.5 uA (5min 25°C)  |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 178mm |
| Packaging Quantity | 2000       |

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