

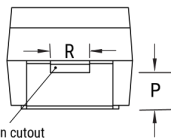
CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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

### Dimensions

|           |                   |
|-----------|-------------------|
| Footprint | 3216              |
| 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    |

### Packaging Specifications

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

### General Information

|                  |   |
|------------------|---|
| Series           | T494 Auto   |
| Dielectric       | MnO <sub>2</sub> Tantalum                               |
| Style            | SMD Chip  |
| Description      | SMD, MnO <sub>2</sub> , Molded, Low ESR, Auto, AEC-Q200 |
| Features         | Low ESR, Automotive                                     |
| RoHS             | Yes   |
| Termination      | Tin   |
| Qualifications   | AEC-Q200  |
| AEC-Q200         | Yes   |
| Component Weight | 58.6 mg   |
| MSL              | 1   |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 10 uF  |
| Capacitance Tolerance | 20%  |
| Voltage DC            | 16 VDC (85C), 10.72 VDC (125C)                                     |
| Temperature Range     | -55/+125°C   |
| Rated Temperature     | 85°C   |
| Dissipation Factor    | 8% 120Hz 25C   |
| Failure Rate          | N/A  |
| Resistance            | 3 Ohms (100kHz 25C)  |
| Ripple Current        | 158 mA (rms, 100kHz 25C), 142.2 mA (rms, 85C), 63.2 mA (rms, 125C) |
| Leakage Current       | 1.6 uA (5min 25°C)   |