

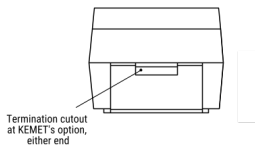
CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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

### Dimensions

|           |                |
|-----------|----------------|
| Footprint | 7343           |
| L         | 7.3mm +/-0.3mm |
| W         | 4.3mm +/-0.3mm |
| H         | 1.8mm +/-0.2mm |
| T         | 0.13mm REF     |
| S         | 1.3mm +/-0.3mm |
| F         | 2.4mm +/-0.1mm |
| A         | 3.6mm MIN      |
| E         | 3.5mm REF      |
| G         | 3.5mm REF      |
| X         | 0.05mm REF     |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 330mm |
| Packaging Quantity | 3000       |

### General Information

|                  |  |
|------------------|--|
| Series           | T491 Auto                                      |
| Dielectric       | MnO2 Tantalum                                  |
| Style            | SMD Chip                                       |
| Description      | SMD, MnO2, Molded, Low Profile, Auto, AEC-Q200 |
| Features         | Automotive                                     |
| RoHS             | Yes  |
| Termination      | Tin  |
| Qualifications   | AEC-Q200                                       |
| AEC-Q200         | Yes  |
| Component Weight | 286.4 mg                                       |

### Specifications

|                       |                                |
|-----------------------|--------------------------------|
| Capacitance           | 10 uF                          |
| Capacitance Tolerance | 10%                            |
| Voltage DC            | 35 VDC (85C), 23.45 VDC (125C) |
| Temperature Range     | -55/+125°C                     |
| Rated Temperature     | 85°C                           |
| Dissipation Factor    | 6% 120Hz 25C                   |
| Failure Rate          | N/A                            |
| Resistance            | 1 Ohms (100kHz 25C)            |
| Ripple Current        | 354 mA (rms, 100kHz 25C)       |
| Leakage Current       | 3.5 uA (5min 25°C)             |