

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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

### Dimensions

|           |                 |
|-----------|-----------------|
| Footprint | 6032            |
| L         | 6mm +/-0.3mm    |
| W         | 3.2mm +/-0.3mm  |
| H         | 2.5mm +/-0.3mm  |
| T         | 0.13mm REF      |
| S         | 1.3mm +/-0.3mm  |
| F         | 2.2mm +/-0.1mm  |
| A         | 2.9mm MIN       |
| B         | 0.5mm +/-0.15mm |
| E         | 2.4mm REF       |
| G         | 2.8mm REF       |
| P         | 0.9mm REF       |
| R         | 1mm REF         |
| X         | 0.1mm +/-0.1mm  |

### Packaging Specifications

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

### General Information

|                  |                   |
|------------------|-------------------|
| Series           | T491              |
| Dielectric       | MnO2 Tantalum     |
| Style            | SMD Chip          |
| Description      | SMD, MnO2, Molded |
| RoHS             | Yes               |
| Termination      | Tin               |
| AEC-Q200         | No                |
| Component Weight | 224.48 mg         |
| Shelf Life       | 156 Weeks         |
| MSL              | 1                 |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 15 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        | 332 mA (rms, 100kHz 25C), 298.8 mA (rms, 85C), 132.8 mA (rms, 125C) |
| Leakage Current       | 5.3 uA (5min 25°C)  |