

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         | 2.8mm +/-0.3mm  |
| T         | 0.13mm REF      |
| S         | 1.3mm +/-0.3mm  |
| F         | 2.4mm +/-0.1mm  |
| A         | 3.8mm MIN       |
| B         | 0.5mm +/-0.15mm |
| E         | 3.5mm REF       |
| G         | 3.5mm REF       |
| P         | 0.5mm MIN       |
| R         | 1mm REF         |
| X         | 0.1mm +/-0.1mm  |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 178mm |
| Packaging Quantity | 500        |

### General Information

|                  |   |
|------------------|---|
| Series           | T493 HRA  |
| Dielectric       | MnO <sub>2</sub> Tantalum   |
| Style            | SMD Chip  |
| Description      | SMD, MnO <sub>2</sub> , Molded, High Reliability  |
| Features         | High Reliability  |
| RoHS             | Yes   |
| Termination      | Gold  |
| AEC-Q200         | No  |
| Component Weight | 412.33 mg   |
| Notes            | P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present). |

### 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            | C (0.01%/1000 Hrs)  |
| Resistance              | 0.25 Ohms (100kHz 25C)  |
| Ripple Current          | 775 mA (rms, 100kHz 25C)  |
| Leakage Current         | 3.5 uA (5min 25°C)  |
| Testing and Reliability | 10 Cycles Surge Current Testing At -55C And +85C Before Weibull |