



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

## General Information

|                          |  |
|--------------------------|--|
| Series                   | T493 HRA   |
| Dielectric               | MnO2 Tantalum  |
| Style                    | SMD Chip   |
| Description              | SMD, MnO2, Molded, DLA Drawing   |
| 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)  |
| AEC-Q200                 | No   |
| Typical Component Weight | 412.33 mg  |

## Specifications

|                         |   |
|-------------------------|---|
| Capacitance             | 6.8 uF  |
| Tolerance               | 10%   |
| Voltage DC              | 50 VDC (85C), 33.5 VDC (125C)                                   |
| Temperature Range       | -55/+125°C  |
| Rated Temperature       | 85°C  |
| Dissipation Factor      | 6% 120Hz 25C  |
| Failure Rate            | C (0.01%/1000 Hrs)  |
| ESR                     | 0.3 Ohms (100kHz 25C)   |
| Ripple Current          | 707 mA (rms, 100kHz 25C)  |
| Leakage Current         | 3.4 uA (5min 25°C)  |
| Testing and Reliability | 10 Cycles Surge Current Testing At -55C And +85C Before Weibull |

## Dimensions

|   |                |
|---|----------------|
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| H | 2.8mm +/-0.3mm |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |

## Packaging Specifications

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

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