



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

## General Information

|                          |  |
|--------------------------|--|
| Series                   | T495 HRA   |
| Dielectric               | MnO2 Tantalum  |
| Style                    | SMD Chip   |
| Description              | SMD, MnO2, Molded, Low ESR, High Reliability   |
| Features                 | Low ESR, High Reliability  |
| 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 | 446.84 mg  |
| MSL                      | 1  |

## Specifications

|                         |   |
|-------------------------|---|
| Capacitance             | 10 uF   |
| Tolerance               | 10%   |
| Voltage DC              | 35 VDC (85C), 23.45 VDC (125C)  |
| Temperature Range       | -55/+125°C  |
| Rated Temperature       | 85°C  |
| Dissipation Factor      | 4% 120Hz 25C  |
| Failure Rate            | N/A   |
| ESR                     | 300 mOhms (100kHz 25C)  |
| Ripple Current          | 707 mA (rms, 100kHz 25C), 636 mA (rms, 100kHz 85C), 283 mA (rms, 100kHz 125C) |
| Leakage Current         | 3.5 uA (5min 25°C)  |
| Testing and Reliability | Tested To Meet The Established Reliability                                    |

## Dimensions

|   |                    |
|---|--------------------|
| 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          |
| K | 1.5mm +/-0.2mm     |
| P | 0.9mm REF          |
| R | 1mm REF            |
| X | 0.1mm +/-0.1mm REF |

## Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 330mm |
| Packaging Quantity | 2500       |

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