



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

**General Information**

|                          |   |
|--------------------------|---|
| Series                   | T497 HRA  |
| Dielectric               | MnO2 Tantalum   |
| Style                    | SMD Chip  |
| Description              | SMD, MnO2, Molded, High Reliability, Medical  |
| Features                 | High Reliability, Medical   |
| RoHS                     | Yes   |
| Termination              | Tin   |
| Qualifications           | CWR09/19/29 Style   |
| Typical Component Weight | 590.44 mg   |
| Notes                    | Note: When solder coated terminations are required, add an additional 0.38mm (0.015inch) to the tolerances for "L", "W", "H", "K", "F" and "S". |
| MSL                      | 1   |

**Dimensions**

|   |                      |
|---|----------------------|
| L | 6.93mm +/-0.38mm     |
| W | 5.41mm +/-0.38mm     |
| H | 2.74mm +/-0.38mm     |
| S | 1.19mm +0.25/-0.13mm |
| F | 3.05mm +/-0.13mm     |
| K | 1.22mm MIN           |
| P | 0.61mm MIN           |

**Packaging Specifications**

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

**Specifications**

|                         |                                  |
|-------------------------|----------------------------------|
| Capacitance             | 33 uF                            |
| Tolerance               | 10%                              |
| Voltage DC              | 25 VDC (85C), 16.75 VDC (125C)   |
| Temperature Range       | -55/+125°C                       |
| Rated Temperature       | 85°C                             |
| Humidity                | 85C, 85% RH, 1000 Hours, No Load |
| Dissipation Factor      | 8% 120Hz 25C                     |
| Failure Rate            | C (0.01%/1000 Hrs)               |
| ESR                     | 0.9 Ohms (100kHz 25C)            |
| Ripple Current          | 428 mA (rms, 100kHz 25C)         |
| Leakage Current         | 8.3 uA (5min 25°C)               |
| Testing and Reliability | Standard Testing Only            |

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