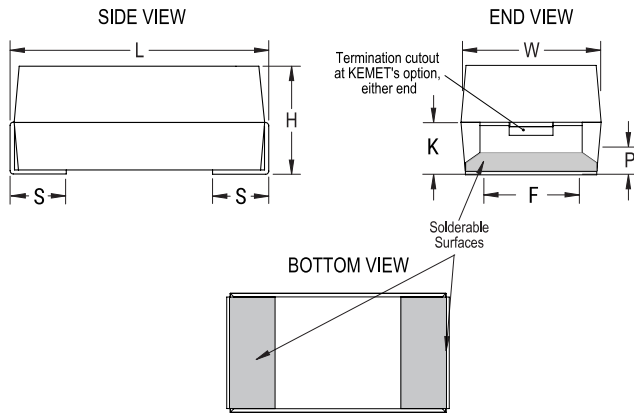


# T497A225K015BT6110

T497 HRA, Tantalum, MnO2 Tantalum, HRA, 2.2 uF, 10%, 15 VDC, SMD, MnO2, Molded, High Reliability, Medical, B (0.1%/1000 Hrs), 15 Ohms, 1.65 mm, 1005 / 2513



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 | 39.91 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 | 2.54mm +/-0.38mm     |
| W | 1.27mm +/-0.38mm     |
| H | 1.27mm +/-0.38mm     |
| S | 0.76mm +0.25/-0.13mm |
| F | 1.27mm +/-0.13mm     |
| K | 0.76mm MIN           |
| P | 0.38mm MIN           |

## Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 178mm |
| Packaging Quantity | 2500       |

## Specifications

|                         |                                  |
|-------------------------|----------------------------------|
| Capacitance             | 2.2 uF                           |
| Tolerance               | 10%                              |
| Voltage DC              | 15 VDC (85C), 10.05 VDC (125C)   |
| Temperature Range       | -55/+125°C                       |
| Rated Temperature       | 85°C                             |
| Humidity                | 85C, 85% RH, 1000 Hours, No Load |
| Dissipation Factor      | 6% 120Hz 25C                     |
| Failure Rate            | B (0.1%/1000 Hrs)                |
| ESR                     | 15 Ohms (100kHz 25C)             |
| Ripple Current          | 58 mA (rms, 100kHz 25C)          |
| Leakage Current         | 0.5 uA (5min 25°C)               |
| Testing and Reliability | Standard Testing Only            |

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