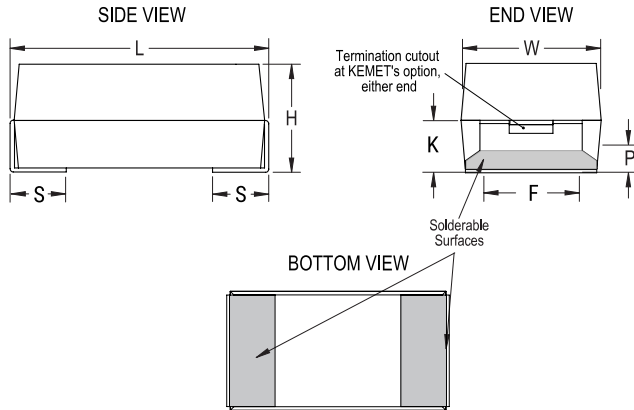


## T497B225K020CB6110

T497 HRA, Tantalum, MnO<sub>2</sub> Tantalum, HRA, 2.2 uF, 10%, 20 VDC, SMD, MnO<sub>2</sub>, Molded, High Reliability, Medical, C (0.01%/1000 Hrs), 9 Ohms, 3813, 1.65 mm, 0.76 mm



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

### General Information

|                          |                                                                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Series                   | T497 HRA                                                                                                                                        |
| Dielectric               | MnO <sub>2</sub> Tantalum                                                                                                                       |
| Style                    | SMD Chip                                                                                                                                        |
| Description              | SMD, MnO <sub>2</sub> , Molded, High Reliability, Medical                                                                                       |
| Features                 | High Reliability, Medical                                                                                                                       |
| RoHS                     | Yes                                                                                                                                             |
| Termination              | Gold                                                                                                                                            |
| Qualifications           | CWR09/19/29 Style                                                                                                                               |
| AEC-Q200                 | No                                                                                                                                              |
| Typical Component Weight | 68.73 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 | 3.81mm +/-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              | 20 VDC (85C), 13.4 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            | C (0.01%/1000 Hrs)               |
| ESR                     | 9 Ohms (100kHz 25C)              |
| Ripple Current          | 75 mA (rms, 100kHz 25C)          |
| Leakage Current         | 0.5 uA (5min 25°C)               |
| Testing and Reliability | Standard Testing Only            |

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