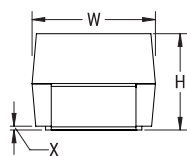
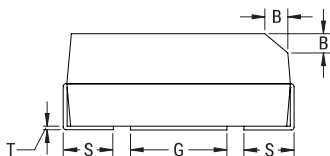


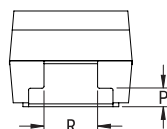
CATHODE (-) END VIEW



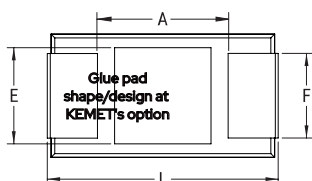
SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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

#### General Information

|                          |  |
|--------------------------|--|
| Series                   | T496 HRA   |
| Dielectric               | MnO2 Tantalum  |
| Style                    | SMD Chip   |
| Description              | SMD, MnO2, Molded, Military, Fused, High Reliability   |
| Features                 | Internal Fuse, 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 | 107.45 mg  |

#### Dimensions

|   |                    |
|---|--------------------|
| L | 3.5mm +/-0.2mm     |
| W | 2.8mm +/-0.2mm     |
| H | 1.9mm +/-0.2mm     |
| T | 0.13mm REF         |
| S | 0.8mm +/-0.3mm     |
| F | 2.2mm +/-0.1mm     |
| A | 1.9mm MIN          |
| B | 0.4mm +/-0.15mm    |
| E | 2.2mm REF          |
| G | 1.8mm REF          |
| P | 0.4mm REF          |
| R | 1.5mm REF          |
| X | 0.1mm +/-0.1mm REF |

#### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 178mm |
| Packaging Quantity | 2000       |

#### Specifications

|                         |  |
|-------------------------|--|
| Capacitance             | 6.8 uF                                     |
| Tolerance               | 20%  |
| Voltage DC              | 10 VDC (85C), 6.7 VDC (125C)               |
| Temperature Range       | -55/+125°C                                 |
| Rated Temperature       | 85°C                                       |
| Dissipation Factor      | 6% 120Hz 25C                               |
| Failure Rate            | A (Non-ER)                                 |
| ESR                     | 3500 mOhms (100kHz 25C)                    |
| Ripple Current          | 156 mA (rms, 100kHz 25C)                   |
| Leakage Current         | 0.7 uA (5min 25°C)                         |
| Testing and Reliability | Tested To Meet The Established Reliability |