



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

### Dimensions

|           |                 |
|-----------|-----------------|
| Footprint | 3216            |
| L         | 3.2mm +/-0.2mm  |
| W         | 1.6mm +/-0.2mm  |
| H         | 1.6mm +/-0.2mm  |
| T         | 0.13mm REF      |
| S         | 0.8mm +/-0.3mm  |
| F         | 1.2mm +/-0.1mm  |
| B         | 0.4mm +/-0.15mm |
| E         | 1.3mm REF       |
| G         | 1.1mm REF       |
| K         | 0.7mm MIN       |
| P         | 0.35mm MIN      |
| R         | 0.4mm REF       |
| X         | 0.1mm +/-0.1mm  |

### Packaging Specifications

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

### General Information

|                          |  |
|--------------------------|--|
| Series                   | T492 CWR11   |
| Dielectric               | MnO <sub>2</sub> Tantalum  |
| Style                    | SMD Chip   |
| Description              | SMD, MnO <sub>2</sub> , Molded, Military Equivalent  |
| RoHS                     | Yes  |
| Termination              | Gold   |
| Qualifications           | MIL-PRF-55365/8, CWR11 Style   |
| AEC-Q200                 | No   |
| Typical Component Weight | 58.97 mg   |
| Notes                    | Note: When Option C Is Selected For Lead Material, Add An Additional 0.38mm To The Tolerances For "L", "W", "H", "K", "F" And "S". |
| MSL                      | 1  |

### Specifications

|                         |                                |
|-------------------------|--------------------------------|
| Capacitance             | .47 uF                         |
| Capacitance Tolerance   | 5%                             |
| Voltage DC              | 25 VDC (85C), 16.75 VDC (125C) |
| Temperature Range       | -55/+125°C                     |
| Rated Temperature       | 85°C                           |
| Dissipation Factor      | 4% 120Hz 25C                   |
| Failure Rate            | S (0.001%/1000 Hrs)            |
| ESR                     | 14 Ohms (100kHz 25C)           |
| Ripple Current          | 73 mA (rms, 100kHz 25C)        |
| Leakage Current         | 0.5 uA (5min 25°C)             |
| Testing and Reliability | Standard Testing Only          |