

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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

### Dimensions

|           |                   |
|-----------|-------------------|
| Footprint | 3528              |
| L         | 3.5mm +/-0.2mm    |
| W         | 2.8mm +/-0.2mm    |
| H         | 1.9mm +/-0.2mm    |
| T         | 0.13mm REF        |
| S         | 0.8mm +0.1/-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         | 0.5mm REF         |
| R         | 1mm REF           |
| X         | 0.1mm +/-0.1mm    |

### Packaging Specifications

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

### General Information

|                  |                                         |
|------------------|-----------------------------------------|
| Series           | T495                                    |
| Dielectric       | MnO <sub>2</sub> Tantalum               |
| Style            | SMD Chip                                |
| Description      | SMD, MnO <sub>2</sub> , Molded, Low ESR |
| Features         | Low ESR                                 |
| RoHS             | Yes                                     |
| Termination      | Tin                                     |
| AEC-Q200         | No                                      |
| Component Weight | 107.45 mg                               |
| Shelf Life       | 156 Weeks                               |
| MSL              | 1                                       |

### Specifications

|                       |                                                                     |
|-----------------------|---------------------------------------------------------------------|
| Capacitance           | 4.7 uF                                                              |
| Capacitance Tolerance | 20%                                                                 |
| Voltage DC            | 25 VDC (85C), 16.75 VDC (125C)                                      |
| Temperature Range     | -55/+125°C                                                          |
| Rated Temperature     | 85°C                                                                |
| Dissipation Factor    | 6% 120Hz 25C                                                        |
| Failure Rate          | N/A                                                                 |
| Resistance            | 700 mOhms (100kHz 25C)                                              |
| Ripple Current        | 348 mA (rms, 100kHz 25C), 313.2 mA (rms, 85C), 139.2 mA (rms, 125C) |
| Leakage Current       | 1.2 uA (5min 25°C)                                                  |