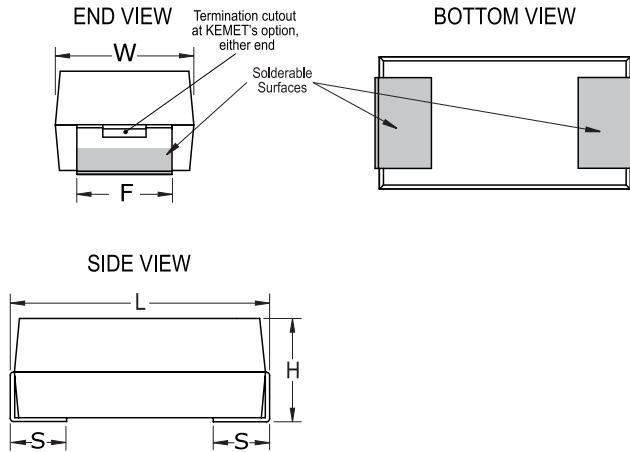


## T493B336K006CT6220

T493 HRA, Tantalum, MnO<sub>2</sub> Tantalum, HRA, 33 uF, 10%, 6.3 VDC, SMD, MnO<sub>2</sub>, Molded, DLA Drawing, C (0.01%/1000 Hrs), 600 mOhms, 3528, 2.1 mm, 0.8 mm



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

### General Information

|                          |                                             |
|--------------------------|---------------------------------------------|
| Series                   | T493 HRA                                    |
| Dielectric               | MnO <sub>2</sub> Tantalum                   |
| Style                    | SMD Chip                                    |
| Description              | SMD, MnO <sub>2</sub> , Molded, DLA Drawing |
| RoHS                     | Yes                                         |
| Termination              | Tin                                         |
| AEC-Q200                 | No                                          |
| Typical Component Weight | 102.3 mg                                    |

### Specifications

|                         |                                                       |
|-------------------------|-------------------------------------------------------|
| Capacitance             | 33 uF                                                 |
| Tolerance               | 10%                                                   |
| Voltage DC              | 6.3 VDC (85C), 4.22 VDC (125C)                        |
| Temperature Range       | -55/+125°C                                            |
| Rated Temperature       | 85°C                                                  |
| Dissipation Factor      | 6% 120Hz 25C                                          |
| Failure Rate            | C (0.01%/1000 Hrs)                                    |
| ESR                     | 0.6 Ohms (100kHz 25C)                                 |
| Ripple Current          | 354 mA (rms, 100kHz 25C)                              |
| Leakage Current         | 2.1 uA (5min 25°C)                                    |
| Testing and Reliability | 10 Cycles Surge Current Testing At +25C After Weibull |

### Dimensions

|   |                |
|---|----------------|
| L | 3.5mm +/-0.2mm |
| W | 2.8mm +/-0.2mm |
| H | 1.9mm +/-0.2mm |
| S | 0.8mm +/-0.3mm |
| F | 2.2mm +/-0.1mm |

### Packaging Specifications

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

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