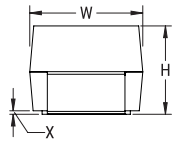
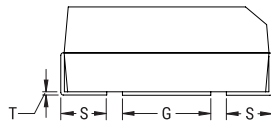


T494, Tantalum, MnO2 Tantalum, 33 uF, 10%, 10 VDC, SMD, MnO2, Molded, Low Profile, Low ESR, 600 mOhms, 6032, Height Max = 1.5mm

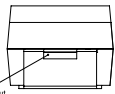
CATHODE (-) END VIEW



SIDE VIEW

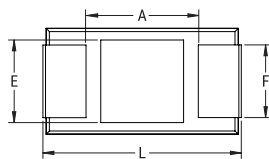


ANODE (+) END VIEW



Termination cutout at KEMET's option, either end.

BOTTOM VIEW



### General Information

|              |   |
|--------------|---|
| Series:      | T494                                    |
| Dielectric:  | MnO2 Tantalum                           |
| Style:       | SMD Chip                                |
| Description: | SMD, MnO2, Molded, Low Profile, Low ESR |
| Features:    | Low ESR                                 |
| RoHS:        | Yes                                     |
| Termination: | Tin                                     |
| AEC-Q200:    | No                                      |
| Shelf Life:  | 156 Weeks                               |
| MSL:         | 1                                       |

### Dimensions

| Footprint | 6032           |
|-----------|----------------|
| L         | 6mm +/-0.3mm   |
| W         | 3.2mm +/-0.2mm |
| H         | 1.4mm +/-0.1mm |
| T         | 0.13mm REF     |
| S         | 1.3mm +/-0.3mm |
| F         | 2.2mm +/-0.1mm |
| A         | 2.9mm MIN      |
| E         | 2.4mm REF      |
| G         | 2.8mm REF      |
| X         | 0.05mm REF     |

### Specifications

|                        |  |
|------------------------|--|
| Capacitance:           | 33 uF  |
| Capacitance Tolerance: | 10%  |
| 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:          | N/A  |
| Resistance:            | 0.6 Ohms (100kHz 25C)  |
| Ripple Current:        | 387 mA (rms, 100kHz 25C),<br>348.3 mA (rms, 85C), 154.8 mA (rms, 125C) |
| Leakage Current:       | 3.3 uA (5min 25°C)   |

### Packaging Specifications

|                     |            |
|---------------------|------------|
| Weight:             | 70 mg      |
| Packaging:          | T&R, 178mm |
| Packaging Quantity: | 1000       |