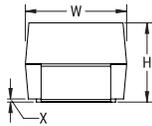


T495, Tantalum, MnO2 Tantalum, 68 uF, 10%, 10 VDC, SMD, MnO2, Molded, Low ESR, 150 mOhms, 7343, Height Max = 3.1mm

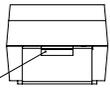
CATHODE (-) END VIEW



SIDE VIEW

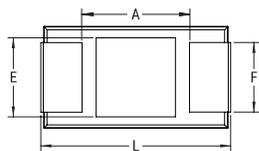


ANODE (+) END VIEW



Termination cutout at KEMET's option, either end.

BOTTOM VIEW



**General Information**

|                     |                            |
|---------------------|----------------------------|
| <b>Supplier:</b>    | KEMET                      |
| <b>Series:</b>      | T495                       |
| <b>Dielectric:</b>  | MnO2 Tantalum              |
| <b>Style:</b>       | SMD Chip                   |
| <b>Description:</b> | SMD, MnO2, Molded, Low ESR |
| <b>Features:</b>    | Low ESR                    |
| <b>RoHS:</b>        | Yes                        |
| <b>Termination:</b> | Tin                        |
| <b>Shelf Life:</b>  | 156 Weeks                  |
| <b>MSL:</b>         | 1                          |

**Dimensions**

| Footprint | 7343            |
|-----------|-----------------|
| <b>L</b>  | 7.3mm +/-0.3mm  |
| <b>W</b>  | 4.3mm +/-0.3mm  |
| <b>H</b>  | 2.8mm +/-0.3mm  |
| <b>T</b>  | 0.13mm REF      |
| <b>S</b>  | 1.3mm +/-0.3mm  |
| <b>F</b>  | 2.4mm +/-0.1mm  |
| <b>A</b>  | 3.6mm MIN       |
| <b>B</b>  | 0.5mm +/-0.15mm |
| <b>E</b>  | 3.5mm REF       |
| <b>G</b>  | 3.5mm REF       |
| <b>P</b>  | 0.9mm REF       |
| <b>R</b>  | 1mm REF         |
| <b>X</b>  | 0.1mm +/-0.1mm  |

**Specifications**

|                               |   |
|-------------------------------|---|
| <b>Capacitance:</b>           | 68 uF   |
| <b>Capacitance Tolerance:</b> | 10%   |
| <b>Voltage DC:</b>            | 10 VDC (85C), 6.7 VDC (125C)                                  |
| <b>Temperature Range:</b>     | -55/+125C   |
| <b>Rated Temperature:</b>     | 85C   |
| <b>Dissipation Factor:</b>    | 6.00% 120Hz 20C   |
| <b>Failure Rate:</b>          | N/A   |
| <b>Resistance:</b>            | 150 mOhms (100kHz)  |
| <b>Ripple Current:</b>        | 1000 mAmps (100kHz 25C),<br>900 mAmps (85C), 400 mAmps (125C) |
| <b>Leakage Current:</b>       | 6.8 uA (5min 20C)   |

**Packaging Specifications**

|                            |            |
|----------------------------|------------|
| <b>Weight:</b>             | 446.84 mg  |
| <b>Packaging:</b>          | T&R, 178mm |
| <b>Packaging Quantity:</b> | 500        |