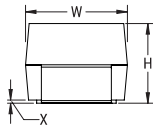
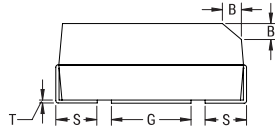


T495, Tantalum, MnO2 Tantalum, 10 uF, 20%, 20 VDC, SMD, MnO2, Molded, Low ESR, 1 Ohms, 3528, Height Max = 2.1mm

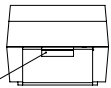
CATHODE (-) END VIEW



SIDE VIEW

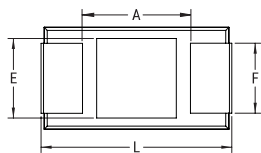


ANODE (+) END VIEW



Termination cutout at KEMET's option, either end.

BOTTOM VIEW



**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**

|                     |            |
|---------------------|------------|
| Weight:             | 107.45 mg  |
| Packaging:          | T&R, 178mm |
| Packaging Quantity: | 2000       |

**General Information**

|              |   |
|--------------|---|
| Supplier:    | KEMET   |
| Series:      | T495  |
| Dielectric:  | MnO2 Tantalum   |
| Style:       | SMD Chip  |
| Description: | SMD, MnO2, Molded, Low ESR  |
| Features:    | Low ESR   |
| RoHS:        | No  |
| Prop 65:     | <b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> |
| REACH:       | SVHC (Pb – CAS 7439-92-1)   |
| Termination: | Solder Coated   |
| Shelf Life:  | 156 Weeks   |
| MSL:         | 1   |

**Specifications**

|                        |   |
|------------------------|---|
| Capacitance:           | 10 uF   |
| Capacitance Tolerance: | 20%   |
| Voltage DC:            | 20 VDC (85C), 13.4 VDC (125C)                                 |
| Temperature Range:     | -55/+125C   |
| Rated Temperature:     | 85C   |
| Dissipation Factor:    | 6.00% 120Hz 20C   |
| Failure Rate:          | N/A   |
| Resistance:            | 1000 mOhms (100kHz)   |
| Ripple Current:        | 292 mAmps (100kHz 25C), 262.8 mAmps (85C), 116.8 mAmps (125C) |
| Leakage Current:       | 2 uA (5min 20C)   |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.