

## T495C107K010ATE150

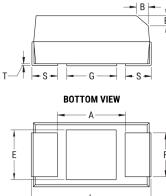
T495, Tantalum, MnO2 Tantalum, 100 uF, 10%, 10 VDC, SMD, MnO2, Molded, Low ESR, 150 mOhms, 6032, Height Max = 2.8mm

CATHODE (-) END VIEW



ANODE (+) END VIEW

Ρ



SIDE VIEW

| remination cutout  |  |
|--------------------|--|
| at KEMET's option, |  |
| either end         |  |

Click here for the 3D model.

| 6032            |
|-----------------|
| 6mm +/-0.3mm    |
| 3.2mm +/-0.3mm  |
| 2.5mm +/-0.3mm  |
| 0.13mm REF      |
| 1.3mm +/-0.3mm  |
| 2.2mm +/-0.1mm  |
| 2.9mm MIN       |
| 0.5mm +/-0.15mm |
| 2.4mm REF       |
| 2.8mm REF       |
| 0.9mm REF       |
| 1mm REF         |
| 0.1mm +/-0.1mm  |
|                 |

| General Information |                            |
|---------------------|----------------------------|
| Series              | T495                       |
| Dielectric          | MnO2 Tantalum              |
| Style               | SMD Chip                   |
| Description         | SMD, MnO2, Molded, Low ESR |
| Features            | Low ESR                    |
| RoHS                | Yes                        |
| Termination         | Tin                        |
| AEC-Q200            | No                         |
| Component Weight    | 224.48 mg                  |
| Shelf Life          | 156 Weeks                  |
| MSL                 | 1                          |

| Specifications            |  |  |
|---------------------------|--|--|
| Capacitance               | 100 uF   |  |
| Capacitance               | 10%  |  |
| Tolerance                 | 10%  |  |
| Voltage DC                | 10 VDC (85C), 6.7 VDC (125C)   |  |
| Temperature               | EE /±12E°C   |  |
| Range                     | -55/+125°C   |  |
| Rated                     | 85°C   |  |
| Temperature               | 05 C   |  |
| <b>Dissipation Factor</b> | 8% 120Hz 25C   |  |
| Failure Rate              | N/A  |  |
| Resistance                | 150 mOhms (100kHz 25C)   |  |
| Ripple Current            | 856 mA (rms, 100kHz 25C), 770.4 mA (rms,<br>85C), 342.4 mA (rms, 125C) |  |
| Ripple Current            |  |  |
| Leakage Current           | 10 uA (5min 25°C)  |  |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging                | T&R, 178mm |
| Packaging Quantity       | 500        |

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