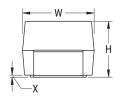


## T495U476K010ATE400

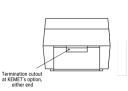
T495, Tantalum, MnO2 Tantalum, 47 uF, 10%, 10 VDC, SMD, MnO2, Molded, Low Profile, Low ESR, 400 mOhms, 6032, Height Max = 1.5mm

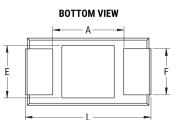
CATHODE (-) END VIEW



SIDE VIEW

ANODE (+) END VIEW





Click here for the 3D model.

| Dimensions | /              |
|------------|----------------|
| Footprint  | 6032           |
| L          | 6mm +/-0.3mm   |
| W          | 3.2mm +/-0.3mm |
| Н          | 1.4mm +/-0.1mm |
| Т          | 0.13mm REF     |
| S          | 1.3mm +/-0.3mm |
| F          | 2.2mm +/-0.1mm |
| А          | 2.9mm MIN      |
| E          | 2.4mm REF      |
| G          | 2.8mm REF      |
| Х          | 0.05mm REF     |

Т

| General Information |   |
|---------------------|---|
| Series              | T495                                    |
| Dielectric          | MnO2 Tantalum                           |
| Style               | SMD Chip                                |
| Description         | SMD, MnO2, Molded, Low Profile, Low ESR |
| Features            | Low ESR                                 |
| RoHS                | Yes                                     |
| Termination         | Tin                                     |
| AEC-Q200            | No                                      |
| Component Weight    | 70 mg                                   |
| Shelf Life          | 156 Weeks                               |
| MSL                 | 1                                       |

| Specifications            |  |
|---------------------------|--|
| Capacitance               | 47 uF  |
| Capacitance<br>Tolerance  | 10%  |
| Voltage DC                | 10 VDC (85C), 6.7 VDC (125C)   |
| Temperature<br>Range      | -55/+125°C   |
| Rated<br>Temperature      | 85°C   |
| <b>Dissipation Factor</b> | 6% 120Hz 25C   |
| Failure Rate              | N/A  |
| Resistance                | 400 mOhms (100kHz 25C)   |
| Ripple Current            | 474 mA (rms, 100kHz 25C), 426.6 mA (rms,<br>85C), 189.6 mA (rms, 125C) |
| Leakage Current           | 4.7 uA (5min 25°C)   |

| Packaging Specifications |            |  |
|--------------------------|------------|--|
| Packaging                | T&R, 178mm |  |
| Packaging Quantity       | 1000       |  |

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.