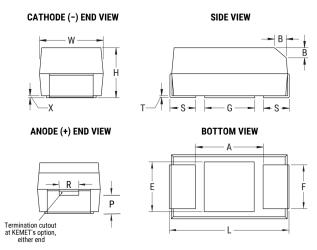


## T495A225K016ATE1K8

T495, Tantalum, MnO2 Tantalum, 2.2 uF, 10%, 16 VDC, SMD, MnO2, Molded, Low ESR, 1.8 Ohms, 3216, Height Max = 1.8 mm



Click here for the 3D model.

| Dimensions |                   |
|------------|-------------------|
| Footprint  | 3216              |
| L          | 3.2mm +/-0.2mm    |
| W          | 1.6mm +/-0.2mm    |
| Н          | 1.6mm +/-0.2mm    |
| Т          | 0.13mm REF        |
| S          | 0.8mm +0.2/-0.3mm |
| F          | 1.2mm +/-0.1mm    |
| Α          | 1.2mm MIN         |
| В          | 0.4mm +/-0.15mm   |
| E          | 1.3mm REF         |
| G          | 1.1mm REF         |
| Р          | 0.4mm REF         |
| R          | 0.4mm REF         |
| Χ          | 0.1mm +/-0.1mm    |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging                | T&R, 178mm |
| Packaging Quantity       | 2000       |

| 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    | 58.6 mg                    |
| Shelf Life          | 156 Weeks                  |
| MSL                 | 1                          |

| Specifications           |  |
|--------------------------|--|
| Capacitance              | 2.2 uF   |
| Capacitance<br>Tolerance | 10%  |
| Voltage DC               | 16 VDC (85C), 10.72 VDC (125C)                                     |
| Temperature<br>Range     | -55/+125°C   |
| Rated<br>Temperature     | 85°C   |
| Dissipation Factor       | 6% 120Hz 25C   |
| Failure Rate             | N/A  |
| Resistance               | 1800 mOhms (100kHz 25C)  |
| Ripple Current           | 204 mA (rms, 100kHz 25C), 183.6 mA (rms, 85C), 81.6 mA (rms, 125C) |
| Leakage Current          | 0.5 uA (5min 25°C)   |

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