

T495A336M006ATE600

General Information

Series

Dielectric

T495, Tantalum, MnO2 Tantalum, 33 uF, 20%, 6.3 VDC, SMD, MnO2, Molded, Low ESR, 600 mOhms, 3216, Height Max = 1.8mm

CATHODE (-) END VIEW

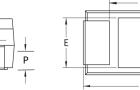


ANODE (+) END VIEW

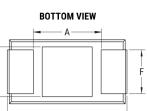
R



SIDE VIEW



Т



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

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 |
| А | 1.2mm MIN |
| В | 0.4mm +/-0.15mm |
| E | 1.3mm REF |
| G | 1.1mm REF |
| Р | 0.4mm REF |
| R | 0.4mm REF |
| Х | 0.1mm +/-0.1mm |
| | |

| 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 |
| | |
| | |

T495

MnO2 Tantalum

| Specifications | |
|---------------------------|--|
| Capacitance | 33 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 6.3 VDC (85C), 4.22 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 12% 120Hz 25C |
| Failure Rate | N/A |
| Resistance | 600 mOhms (100kHz 25C) |
| Ripple Current | 354 mA (rms, 100kHz 25C), 318.6 mA (rms, 85C), 141.6 mA (rms, 125C) |
| Leakage Current | 2.1 uA (5min 25°C) |

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

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.