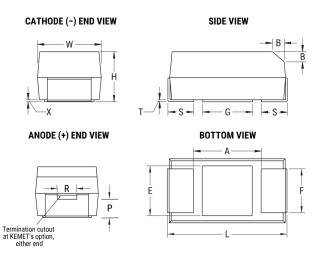


T491A336K010AT

T491, Tantalum, MnO2 Tantalum, 33 uF, 10%, 10 VDC, SMD, MnO2, Molded, 6 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 |
| A | 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 | T401 |
| Series | T491 |
| Dielectric | MnO2 Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO2, Molded |
| RoHS | Yes |
| Termination | Tin |
| AEC-Q200 | No |
| Component Weight | 58.6 mg |
| Shelf Life | 156 Weeks |
| MSL | 1 |

| Specifications | |
|--------------------------|--|
| Capacitance | 33 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 10 VDC (85C), 6.7 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 15% 120Hz 25C |
| Failure Rate | N/A |
| Resistance | 6 Ohms (100kHz 25C) |
| Ripple Current | 112 mA (rms, 100kHz 25C), 100.8 mA (rms, 85C), 44.8 mA (rms, 125C) |
| Leakage Current | 3.3 uA (5min 25°C) |

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