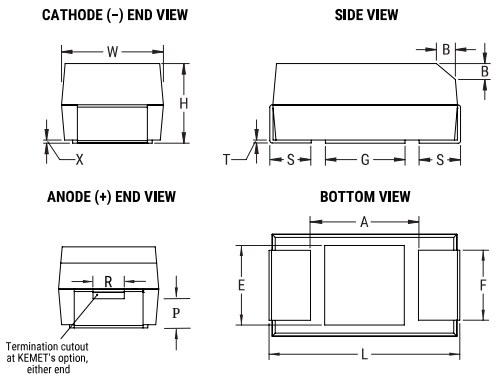
# KEMET Part Number: T491C336K020AT

T491, Tantalum, MnO2 Tantalum, 33 uF, 10%, 20 VDC, SMD, MnO2, Molded, 1.2 Ohms, 6032, Height Max = 2.8mm




| General Information | |
|---|---|
| **Series:** | T491 |
| **Dielectric:** | MnO2 Tantalum |
| **Style:** | SMD Chip |
| **Description:** | SMD, MnO2, Molded |
| **RoHS:** | Yes |
| **Termination:** | Tin |
| **AEC-Q200:** | No |
| **Shelf Life:** | 156 Weeks |
| **MSL:** | 1 |

| Dimensions | |
|---|---|
| **Footprint** | 6032 |
| **L** | 6mm +/-0.3mm |
| **W** | 3.2mm +/-0.3mm |
| **H** | 2.5mm +/-0.3mm |
| **T** | 0.13mm REF |
| **S** | 1.3mm +/-0.3mm |
| **F** | 2.2mm +/-0.1mm |
| **A** | 2.9mm MIN |
| **B** | 0.5mm +/-0.15mm |
| **E** | 2.4mm REF |
| **G** | 2.8mm REF |
| **P** | 0.9mm REF |
| **R** | 1mm REF |
| **X** | 0.1mm +/-0.1mm |

| Specifications | |
|---|---|
| **Capacitance:** | 33 uF |
| **Capacitance Tolerance:** | 10% |
| **Voltage DC:** | 20 VDC (85C), 13.4 VDC (125C) |
| **Temperature Range:** | -55/+125°C |
| **Rated Temperature:** | 85°C |
| **Dissipation Factor:** | 6% 120Hz 20C |
| **Failure Rate:** | N/A |
| **Resistance:** | 1.2 Ohms (100kHz) |
| **Ripple Current:** | 303 mA (rms, 100kHz 25C), 272.7 mA (rms, 85C), 121.2 mA (rms, 125C) |
| **Leakage Current:** | 6.6 uA (5min 20°C) |

| Packaging Specifications | |
|---|---|
| **Weight:** | 224.48 mg |
| **Packaging:** | T&R, 178mm |
| **Packaging Quantity:** | 500 |

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