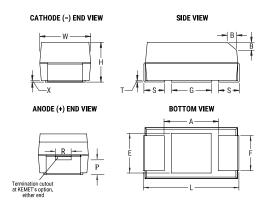
KEMET Part Number: T491B107K006AT



T491, Tantalum, MnO2 Tantalum, 100 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, 2 Ohms, 3528, Height Max = 2.1mm



| General Information | |
|---------------------|-------------------|
| Series: | T491 |
| Dielectric: | MnO2 Tantalum |
| Style: | SMD Chip |
| Description: | SMD, MnO2, Molded |
| RoHS: | Yes |
| Termination: | Tin |
| AEC-Q200: | No |
| Component Weight: | 107.45 mg |
| Shelf Life: | 156 Weeks |
| MSL: | 1 |

| Dimensions | |
|------------|-------------------|
| Footprint | 3528 |
| L | 3.5mm +/-0.2mm |
| W | 2.8mm +/-0.2mm |
| Н | 1.9mm +/-0.2mm |
| Т | 0.13mm REF |
| S | 0.8mm +0.1/-0.3mm |
| F | 2.2mm +/-0.1mm |
| Α | 1.9mm MIN |
| В | 0.4mm +/-0.15mm |
| E | 2.2mm REF |
| G | 1.8mm REF |
| Р | 0.5mm REF |
| R | 1mm REF |
| Х | 0.1mm +/-0.1mm |

| Specifications | | |
|------------------------|--|--|
| Capacitance: | 100 uF | |
| Capacitance Tolerance: | 10% | |
| 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: | 2 Ohms (100kHz 25C) | |
| Ripple Current: | 206 mA (rms, 100kHz 25C), 185.4 mA (rms, 85C), 82.4 mA (rms, 125C) | |
| Leakage Current: | 6.3 uA (5min 25°C) | |

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

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