

KEMET Part Number: T491B476K010AT
(B45196H2476K209)

Tantalum, MnO2 Tantalum, T491, 47 uF, 10%, 10 V, 3528, SMD, MnO2, Molded, 1 Ohms, 2.1mm



Dimensions

| Footprint | | 3528 |
|-----------|--|-------------------|
| L | | 3.5mm +/-0.2mm |
| W | | 2.8mm +/-0.2mm |
| H | | 1.9mm +/-0.2mm |
| T | | 0.13mm REF |
| S | | 0.8mm +0.2/-0.3mm |
| F | | 2.2mm +/-0.1mm |
| A | | 1.9mm MIN |
| B | | 0.4mm +/-0.15mm |
| E | | 2.2mm REF |
| G | | 1.8mm REF |
| P | | 0.5mm REF |
| R | | 1mm REF |
| X | | 0.1mm +/-0.1mm |

Packaging Specifications

| | |
|----------------------------|------------|
| Weight: | 107.45 mg |
| Packaging: | T&R, 178mm |
| Packaging Quantity: | 2000 |

General Information

| | |
|---------------------|-------------------|
| Dielectric: | MnO2 Tantalum |
| Style: | SMD Chip |
| Series: | T491 |
| Description: | SMD, MnO2, Molded |
| RoHS: | Yes |
| Termination: | Tin |

Specifications

| | |
|-------------------------------|--|
| Capacitance: | 47 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 10 VDC (85C), 6.7 VDC (125C) |
| Temperature Range: | -55/+125C |
| Dissipation Factor: | 8% |
| Failure Rate: | N/A |
| Resistance: | 1 Ohms (100kHz) |
| Current: | 292 mAmps (25C), 262.8 mAmps (85C), 116.8 mAmps (125C) |
| Leakage: | 4.7 uAmps |