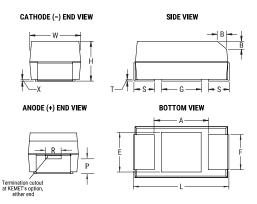
KEMET Part Number: T491B106M016AT



T491, Tantalum, MnO2 Tantalum, 10 uF, 20%, 16 VDC, SMD, MnO2, Molded, 2 Ohms, 3528, Height Max = 2.1mm



| 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 +0.2/-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 | |

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

| General Information | | |
|---------------------|-------------------|--|
| Supplier: | KEMET | |
| Series: | T491 | |
| Dielectric: | MnO2 Tantalum | |
| Style: | SMD Chip | |
| Description: | SMD, MnO2, Molded | |
| RoHS: | Yes | |
| Termination: | Tin | |
| Shelf Life: | 156 Weeks | |
| MSL: | 1 | |

| Specifications | | |
|------------------------|--|--|
| Capacitance: | 10 uF | |
| Capacitance Tolerance: | 20% | |
| Voltage DC: | 16 VDC (85C), 10.72 VDC (125C) | |
| Temperature Range: | -55/+125C | |
| Rated Temperature: | 85°C | |
| Dissipation Factor: | 6.00% 120Hz 20C | |
| Failure Rate: | N/A | |
| Resistance: | 2 Ohms (100kHz) | |
| Ripple Current: | 206 mAmps (100kHz 25C), 185.4 mAmps (85C), 82.4 mAmps (125C) | |
| Leakage Current: | 1.6 uA (5min 20C) | |

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