

T491, Tantalum, MnO2 Tantalum, .47 uF, 10%, 25 VDC, SMD, MnO2, Molded, 13 Ohms, 3216, Height Max = 1.8mm



| General Information | |
|---------------------|-------------------|
| 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 |

| Dimensions | |
|------------|-------------------|
| Footprint | 3216 |
| L | 3.2mm +/-0.2mm |
| W | 1.6mm +/-0.2mm |
| H | 1.6mm +/-0.2mm |
| T | 0.13mm REF |
| S | 0.8mm +0.2/-0.3mm |
| F | 1.2mm +/-0.1mm |
| A | 1.2mm MIN |
| B | 0.4mm +/-0.15mm |
| E | 1.3mm REF |
| G | 1.1mm REF |
| P | 0.4mm REF |
| R | 0.4mm REF |
| X | 0.1mm +/-0.1mm |

| Specifications | |
|------------------------|--|
| Capacitance: | .47 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 25 VDC (85C), 16.75 VDC (125C) |
| Temperature Range: | -55/+125°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 4% 120Hz 25C |
| Failure Rate: | N/A |
| Resistance: | 13 Ohms (100kHz 25C) |
| Ripple Current: | 76 mA (rms, 100kHz 25C), 68.4 mA (rms, 85C), 30.4 mA (rms, 125C) |
| Leakage Current: | 0.5 uA (5min 25°C) |

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

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