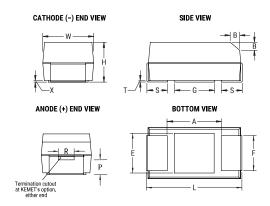
KEMET Part Number: T490A476M010ATE1K0



T490, Tantalum, MnO2 Tantalum, Consumer, 47 uF, 20%, 10 VDC, SMD, MnO2, Molded, Consumer, 1 Ohms, 3216, Height Max = 1.8mm



| General Information | |
|---------------------|-----------------------------|
| Series: | T490 |
| Dielectric: | MnO2 Tantalum |
| Style: | SMD Chip |
| Description: | SMD, MnO2, Molded, Consumer |
| 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 |
| Н | 1.6mm +/-0.2mm |
| Т | 0.13mm REF |
| S | 0.8mm +0.2/-0.3mm |
| F | 1.2mm +/-0.1mm |
| Α | 1.2mm MIN |
| В | 0.4mm +/-0.15mm |
| E | 1.3mm REF |
| G | 1.1mm REF |
| Р | 0.4mm REF |
| R | 0.4mm REF |
| Х | 0.1mm +/-0.1mm |

| Specifications | |
|------------------------|---|
| Capacitance: | 47 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 10 VDC (40C), 5 VDC (85C), 2 VDC (125C) |
| Temperature Range: | -55/+125°C |
| Rated Temperature: | 40°C |
| Humidity: | 40C, 93% RH, 1000 Hours, No Load |
| Failure Rate: | N/A |
| Resistance: | 1 Ohms (100kHz 25C) |
| Ripple Current: | 274 mAmps (100kHz 25C), 246.6 mAmps (40C), 109.6 mAmps (125C) |
| Leakage Current: | 4.7 uA (5min 25°C) |

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

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