

T491X227M010AT

MSL

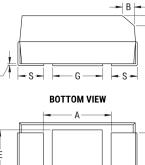
T491, Tantalum, MnO2 Tantalum, 220 uF, 20%, 10 VDC, SMD, MnO2, Molded, 500 mOhms, 7343, Height Max = 4.3mm

CATHODE (-) END VIEW

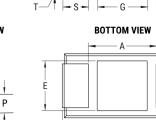


ANODE (+) END VIEW

R



SIDE VIEW



| General Information | |
|---------------------|-------------------|
| Series | T491 |
| Dielectric | MnO2 Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO2, Molded |
| RoHS | Yes |
| Termination | Tin |
| AEC-Q200 | No |
| Component Weight | 652.04 mg |
| Shelf Life | 156 Weeks |

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| Specifications | |
|---------------------------|--|
| Capacitance | 220 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 10 VDC (85C), 6.7 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 8% 120Hz 25C |
| Failure Rate | N/A |
| Resistance | 0.5 Ohms (100kHz 25C) |
| Ripple Current | 574 mA (rms, 100kHz 25C), 516.6 mA (rms, 85C), 229.6 mA (rms, 125C) |
| Leakage Current | 22 uA (5min 25°C) |
| | |

Click here for the 3D model.

Termination cutout at KEMET's option, either end

| Dimensions | |
|------------|-----------------|
| Footprint | 7343 |
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| Н | 4mm +/-0.3mm |
| Т | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| А | 3.6mm MIN |
| В | 0.5mm +/-0.15mm |
| E | 3.5mm REF |
| G | 3.5mm REF |
| Р | 1.7mm REF |
| R | 1mm REF |
| Х | 0.1mm +/-0.1mm |
| | |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging | T&R, 178mm |
| Packaging Quantity | 500 |

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