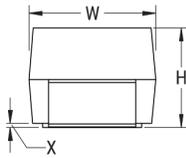
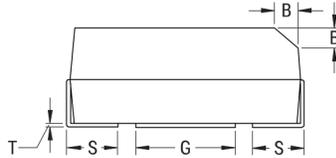


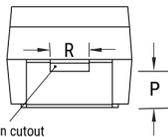
CATHODE (-) END VIEW



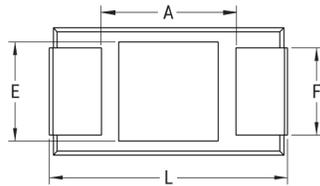
SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



Click [here](#) for the 3D model.

General Information

| | |
|------------------|--|
| Series | T491 |
| Dielectric | MnO ₂ Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO ₂ , Molded |
| RoHS | No |
| Prop 65 | ⚠ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov . |
| SCIP Number | 1dd2e1b8-26dd-4d52-927c-6f9d519011aa |
| Termination | Solder Coated |
| AEC-Q200 | No |
| Component Weight | 107.45 mg |
| Shelf Life | 156 Weeks |
| MSL | 1 |

Specifications

| | |
|-----------------------|--|
| Capacitance | 2.2 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 16 VDC (85C), 10.72 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | N/A |
| Resistance | 3.5 Ohms (100kHz 25C) |
| Ripple Current | 156 mA (rms, 100kHz 25C), 140.4 mA (rms, 85C), 62.4 mA (rms, 125C) |
| Leakage Current | 0.5 uA (5min 25°C) |

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 +0.1/-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

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