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**General Information**

|                          |                   |
|--------------------------|-------------------|
| Series                   | T491              |
| Dielectric               | MnO2 Tantalum     |
| Style                    | SMD Chip          |
| Description              | SMD, MnO2, Molded |
| RoHS                     | Yes               |
| Termination              | Tin               |
| Typical Component Weight | 107.45 mg         |
| Shelf Life               | 156 Weeks         |
| MSL                      | 1                 |

**Dimensions**

|   |                    |
|---|--------------------|
| 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 REF |

**Specifications**

|                    |  |
|--------------------|--|
| Capacitance        | 1uF  |
| Tolerance          | 20%  |
| 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  |
| ESR                | 5 Ohms (100kHz 25C)  |
| Ripple Current     | 130 mA (rms, 100kHz 25C), 117 mA (rms, 85C), 52 mA (rms, 125C) |
| Leakage Current    | 0.5 uA (5min 25°C)   |

**Packaging Specifications**

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

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