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**General Information**

|                          |  |
|--------------------------|--|
| Series                   | T495   |
| Dielectric               | MnO <sub>2</sub> Tantalum                            |
| Style                    | SMD Chip   |
| Description              | SMD, MnO <sub>2</sub> , Molded, Low Profile, Low ESR |
| Features                 | Low ESR  |
| RoHS                     | Yes  |
| Termination              | Tin  |
| Typical Component Weight | 286.4 mg   |
| Shelf Life               | 156 Weeks  |
| MSL                      | 1  |

**Dimensions**

|   |                |
|---|----------------|
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| H | 1.8mm +/-0.2mm |
| T | 0.13mm REF     |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| A | 3.6mm MIN      |
| E | 3.5mm REF      |
| G | 3.5mm REF      |
| X | 0.05mm REF     |

**Packaging Specifications**

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 178mm |
| Packaging Quantity | 1000       |

**Specifications**

|                    |   |
|--------------------|---|
| Capacitance        | 100 uF  |
| Tolerance          | 10%   |
| 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   |
| ESR                | 100 mOhms (100kHz 25C)  |
| Ripple Current     | 1118 mA (rms, 100kHz 25C), 1006.2 mA (rms, 85C), 447.2 mA (rms, 125C) |
| Leakage Current    | 10 uA (5min 25°C)   |

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