

**BOTTOM VIEW**



**CATHODE (-) END VIEW**



**SIDE VIEW**

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

**General Information**

|                          |                                      |
|--------------------------|--------------------------------------|
| Series                   | T555                                 |
| Dielectric               | Polymer Tantalum                     |
| Style                    | SMD Chip                             |
| RoHS                     | No                                   |
| SCIP Number              | 43449f08-bd3e-4b72-a04c-6ca7dd4144ff |
| Termination              | Tin                                  |
| Typical Component Weight | 5.54 g                               |
| Shelf Life               | 156 Weeks                            |

**Dimensions**

|   |                 |
|---|-----------------|
| L | 24.5mm +/-0.5mm |
| W | 8.5mm +/-0.5mm  |
| H | 9.1mm +/-0.5mm  |
| S | 3mm +/-0.3mm    |
| F | 4.2mm +/-0.5mm  |

**Packaging Specifications**

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Box |
| Packaging Quantity | 100       |

**Specifications**

|                         |  |
|-------------------------|--|
| Capacitance             | 120 uF   |
| Tolerance               | 10%  |
| Voltage DC              | 15 VDC, 11.7 VDC (105°C), 17.25 VDC (85°C)                                 |
| Temperature Range       | -55/+105°C   |
| Rated Temperature       | 85°C   |
| Life                    | 2000 Hrs   |
| Dissipation Factor      | 5% (120Hz 25C)   |
| Failure Rate            | N/A  |
| ESR                     | 110 mOhm (100kHz 25C)  |
| Ripple Current          | 1580 mAmps (40kHz 85C)   |
| Leakage Current         | 13.5 uA (5min 25°C)  |
| Testing and Reliability | 25C +/-5C, 10 cycles, after constant voltage conditioning (KEMET standard) |

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