

**BOTTOM VIEW**



**CATHODE (-) END VIEW**



**SIDE VIEW**

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

**General Information**

|                          |  |
|--------------------------|--|
| Series                   | T556   |
| Dielectric               | Polymer Tantalum   |
| Style                    | SMD Chip   |
| RoHS                     | No   |
| Prop 65                  | <b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a> |
| SCIP Number              | fa70b84a-ebdb-4f97-bf07-19fe562c6755   |
| Termination              | Solder Coated  |
| 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 MIN         |
| F | 4.2mm +/-0.5mm  |

**Packaging Specifications**

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

**Specifications**

|                    |  |
|--------------------|--|
| Capacitance        | 50 uF                                      |
| Tolerance          | 10%  |
| Voltage DC         | 25 VDC, 19.5 VDC (105°C), 16.5 VDC (125°C) |
| Temperature Range  | -55/+125°C                                 |
| Life               | 2000 Hrs                                   |
| Dissipation Factor | 5% (120Hz 25C)                             |
| Failure Rate       | N/A  |
| ESR                | 170 mOhm (100kHz 25C)                      |
| Ripple Current     | 1275 mAmps (40kHz 85C)                     |
| Leakage Current    | 9.375 uA (5min 25°C)                       |

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