

**BOTTOM VIEW**



**CATHODE (-) END VIEW**



**SIDE VIEW**

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

**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       |

**General Information**

|                          |                                      |
|--------------------------|--------------------------------------|
| Series                   | T556                                 |
| Dielectric               | Polymer Tantalum                     |
| Style                    | SMD Chip                             |
| RoHS                     | No                                   |
| SCIP Number              | 43449f08-bd3e-4b72-a04c-6ca7dd4144ff |
| Termination              | Tin                                  |
| AEC-Q200                 | No                                   |
| Typical Component Weight | 5.54 g                               |
| Shelf Life               | 156 Weeks                            |

**Specifications**

|                       |  |
|-----------------------|--|
| Capacitance           | 50 uF                                      |
| Capacitance 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)                       |