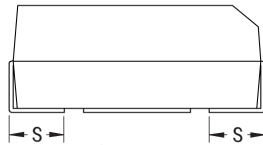


### BOTTOM VIEW



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 +/-0.3mm    |
| 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   |
| Prop 65          | <b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> |
| SCIP Number      | fa70b84a-ebdb-4f97-bf07-19fe562c6755   |
| Termination      | Solder Coated  |
| AEC-Q200         | No   |
| Component Weight | 5.54 g   |
| Shelf Life       | 156 Weeks  |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 47 uF                                   |
| Capacitance Tolerance | 10%                                     |
| Voltage DC            | 50 VDC, 33 VDC (125°C), 57.5 VDC (85°C) |
| Temperature Range     | -55/+125°C                              |
| Life                  | 2000 Hrs                                |
| Dissipation Factor    | 5% (120Hz 25C)                          |
| Failure Rate          | N/A                                     |
| Resistance            | 150 mOhm (100kHz 25C)                   |
| Ripple Current        | 1350 mAmps (40kHz 85C)                  |
| Leakage Current       | 17.6 uA (5min 25°C)                     |