



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

#### General Information

|                          |  |
|--------------------------|--|
| Series                   | M551   |
| Dielectric               | Polymer Tantalum   |
| Style                    | Radial Assemblies  |
| 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              | f7bc2324-2981-434d-b68c-75de0a298eb6   |
| Termination              | Lead (SnPb)  |
| Lead                     | 2 Tabs   |
| Typical Component Weight | 3.63 g   |
| Notes                    | H1: 4.5 +/-0.1, W1: 3.2 +/-0.1. H2: 8.2 +/-0.1, W2: 4.4 +/-0.1. d: 3.2 Ref.  |

#### Dimensions

|    |                  |
|----|------------------|
| L  | 52.1mm +/-0.38mm |
| W  | 50.6mm +/-0.38mm |
| H  | 11.1mm +/-0.2mm  |
| S  | 12.71mm REF      |
| LL | 5.6mm +/-0.1mm   |
| F  | 0.81mm REF       |

#### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Tray |
| Packaging Quantity | 20   |

#### Specifications

|                    |                              |
|--------------------|------------------------------|
| Capacitance        | 6,800 uF                     |
| Tolerance          | 20%                          |
| Voltage DC         | 8 VDC (85C), 5.28 VDC (125C) |
| Temperature Range  | -55/+125°C                   |
| Rated Temperature  | 85°C                         |
| Life               | 2000 Hrs                     |
| Dissipation Factor | 5% (120Hz 25C)               |
| ESR                | 15 mOhm (100kHz 25C)         |
| Ripple Current     | 17500 mAmps (40kHz 85C)      |
| Leakage Current    | 408 uA (5min 25°C)           |

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