



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

**General Information**

|                          |  |
|--------------------------|--|
| Series                   | M550   |
| 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              | 2fa27a89-1f35-4558-a939-aeelc44dfd95   |
| Termination              | Tin  |
| 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        | 1,000 uF                    |
| Tolerance          | 10%                         |
| Voltage DC         | 50 VDC (85C), 39 VDC (105C) |
| Temperature Range  | -55/+105°C                  |
| Rated Temperature  | 85°C                        |
| Life               | 2000 Hrs                    |
| Dissipation Factor | 5% (120Hz 25C)              |
| ESR                | 20 mOhm (100kHz 25C)        |
| Ripple Current     | 14500 mAmps (40kHz 85C)     |
| Leakage Current    | 375 uA (5min 25°C)          |

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