



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              | 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), 6.24 VDC (105C) |
| Temperature Range  | -55/+105°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)           |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.