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**General Information**

|                          |   |
|--------------------------|---|
| Series                   | M550  |
| Dielectric               | Polymer Tantalum  |
| Style                    | Radial Assemblies   |
| RoHS                     | No  |
| 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  | 48.4mm +/-0.38mm |
| W  | 28.2mm +/-0.38mm |
| H  | 11.1mm +/-0.2mm  |
| S  | 11.5mm REF       |
| LL | 3.2mm +/-0.1mm   |
| F  | 0.81mm REF       |

**Packaging Specifications**

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

**Specifications**

|                    |                               |
|--------------------|-------------------------------|
| Capacitance        | 600 uF                        |
| Tolerance          | 10%                           |
| Voltage DC         | 40 VDC (85C), 31.2 VDC (105C) |
| Temperature Range  | -55/+105°C                    |
| Rated Temperature  | 85°C                          |
| Life               | 2000 Hrs                      |
| Dissipation Factor | 5% (120Hz 25C)                |
| ESR                | 40 mOhm (100kHz 25C)          |
| Ripple Current     | 6750 mAmps (40kHz 85C)        |
| Leakage Current    | 180 uA (5min 25°C)            |

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