



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

General Information

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| Series | M550 |
| Dielectric | Polymer Tantalum |
| Style | Radial Assemblies |
| RoHS | No |
| Prop 65 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/ |
| SCIP Number | 441fbce9-6dc4-49da-8210-2995ec628fa8 |
| 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 | 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

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

Specifications

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|--------------------|-----------------------------|
| Capacitance | 500 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 | 40 mOhm (100kHz 25C) |
| Ripple Current | 7250 mAmps (40kHz 85C) |
| Leakage Current | 188 uA (5min 25°C) |

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