



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

### Dimensions

|    |                      |
|----|----------------------|
| D  | 7.34mm +0.41/-0.38mm |
| L  | 17.42mm +/-0.79mm    |
| L2 | 20.88mm MAX          |
| LL | 38.1mm +/-6.35mm     |
| F  | 0.64mm +/-0.05mm     |

### Packaging Specifications

|                    |        |
|--------------------|--------|
| Weight             | 3.63 g |
| Packaging          | Tray   |
| Packaging Quantity | 20     |

### General Information

|               |  |
|---------------|--|
| Series        | T550   |
| Dielectric    | Polymer Tantalum   |
| Style         | Axial Hermetic   |
| RoHS          | No   |
| Prop 65       | <b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> |
| REACH         | SVHC (Pb - CAS 7439-92-1)  |
| SCIP Number   | 25028bfc-e2dd-4865-8096-81457a62194a   |
| Termination   | Lead (SnPb)  |
| Lead          | Wire Leads   |
| AEC-Q200      | No   |
| Construction  | Hermetic   |
| Miscellaneous | Sleeved.   |
| Notes         | Dimensions Include Insulating Sleeve. When supplied on T&R or AMMO, lead length is determined by taping specification.     |
| Shelf Life    | 156 Weeks  |

### Specifications

|                         |  |
|-------------------------|--|
| Capacitance             | 39 uF  |
| Capacitance Tolerance   | 20%  |
| Voltage DC              | 60 VDC (85C), 46.8 VDC (105C), 69 VDC (85C Surge)                          |
| Temperature Range       | -55/+105°C   |
| Dissipation Factor      | 5% (120Hz 25C)   |
| Failure Rate            | N/A  |
| Resistance              | 160 mOhm (100kHz 25C)  |
| Ripple Current          | 1310 mAmps (40kHz 85C)   |
| Leakage Current         | 17.6 uA (5min 25°C)  |
| Testing and Reliability | 25C +/-5C, 10 Cycles, After Constant Voltage Conditioning (KEMET Standard) |

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