



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

**General Information**

|                          |  |
|--------------------------|--|
| Series                   | T550   |
| Dielectric               | Polymer Tantalum   |
| Style                    | Axial Hermetic   |
| RoHS                     | No   |
| SCIP Number              | 4c3ae4ee-85c6-4b07-a7a2-54a19a3265ec   |
| Termination              | Tin  |
| Lead                     | Wire Leads   |
| Construction             | Hermetic   |
| Typical Component Weight | 3.63 g   |
| 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             | 100 uF   |
| Tolerance               | 20%  |
| Voltage DC              | 50 VDC (85C), 39 VDC (105C), 57.5 VDC (85C Surge)                          |
| Temperature Range       | -55/+105°C   |
| Life                    | 2000 Hrs   |
| Dissipation Factor      | 6% (120Hz 25C)   |
| Failure Rate            | N/A  |
| ESR                     | 180 mOhm (100kHz 25C)  |
| Ripple Current          | 1230 mAmps (40kHz 85C)   |
| Leakage Current         | 37.5 uA (5min 25°C)  |
| Testing and Reliability | 25C +/-5C, 10 cycles, after constant voltage conditioning (KEMET standard) |

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

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