



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

General Information

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|--------------------------|--|
| Series | T550 |
| Dielectric | Polymer Tantalum |
| Style | Axial Hermetic |
| RoHS | No |
| Prop 65 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/ |
| 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 |

Dimensions

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|----|----------------------|
| 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

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

Specifications

| | |
|-------------------------|---|
| Capacitance | 680 uF |
| Tolerance | 10% |
| Voltage DC | 8 VDC (85C), 6.24 VDC (105C), 9.2 VDC (85C Surge) |
| Temperature Range | -55/+105°C |
| Life | 2000 Hrs |
| Dissipation Factor | 5% (120Hz 25C) |
| Failure Rate | N/A |
| ESR | 90 mOhm (100kHz 25C) |
| Ripple Current | 1750 mAmps (40kHz 85C) |
| Leakage Current | 40.8 uA (5min 25°C) |
| Testing and Reliability | 10 cycles, -55C and +85C after voltage aging |

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