



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

General Information

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|--------------------------|--|
| Series | T550 |
| Dielectric | Polymer Tantalum |
| Style | Axial Hermetic |
| RoHS | No |
| SCIP Number | 4c3ae4ee-85c6-4b07-a7a2-54a19a3265ec |
| Termination | Tin |
| Lead | Wire Leads |
| AEC-Q200 | No |
| 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

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|-------------------------|--|
| Capacitance | 20 uF |
| Tolerance | 20% |
| Voltage DC | 60 VDC (85C), 46.8 VDC (105C), 69 VDC (85C Surge) |
| Temperature Range | -55/+105°C |
| Life | 2000 Hrs |
| Dissipation Factor | 5% (120Hz 25C) |
| Failure Rate | N/A |
| ESR | 200 mOhm (100kHz 25C) |
| Ripple Current | 1175 mAmps (40kHz 85C) |
| Leakage Current | 9 uA (5min 25°C) |
| Testing and Reliability | 25C +/-5C, 10 cycles, after constant voltage conditioning (KEMET standard) |

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 |

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