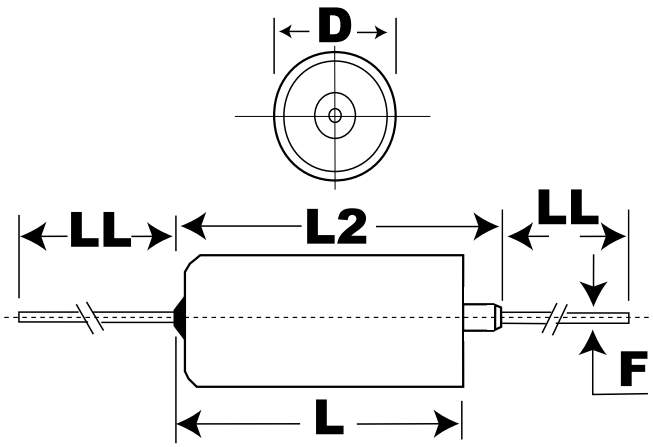
# T550B686K030AH42527200

T550, Polymer, Polymer Tantalum, HRA, 68 uF, 10%, 30 VDC, 140 mOhms




Click here for the 3D model.

| General Information | |
|---|---|
| Series | T550 |
| Dielectric | Polymer Tantalum |
| Style | Axial Hermetic |
| RoHS | No |
| Prop 65 | **WARNING:** Cancer and reproductive harm - https://www.p65warnings.ca.gov./ |
| Termination | Lead (SnPb) |
| Lead | Wire Leads |
| Construction | Hermetic |
| Typical Component Weight | 3.63 g |
| Notes | Dimensions Include Insulating Sleeve. When Supplied On T&R Or Ammo, Lead Length Is Determined By Taping Specification. |
| Shelf Life | 156 Weeks |

| 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 | T&R |
| Packaging Quantity | 500 |

| Specifications | |
|---|---|
| Capacitance | 68 uF |
| Tolerance | 10% |
| Voltage DC | 30 VDC (85C), 23.4 VDC (105C), 34.5 VDC (85C Surge) |
| Temperature Range | -55/+105°C |
| Life | 2000 Hrs |
| Dissipation Factor | 5% (120Hz 25C) |
| Failure Rate | N/A |
| ESR | 140 mOhm (100kHz 25C) |
| Ripple Current | 1400 mAmps (40kHz 85C) |
| Leakage Current | 15.3 uA (5min 25°C) |
| Testing and Reliability | 10 cycles, -55C and +85C before voltage aging |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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