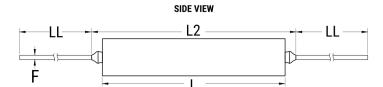


## T111C605K050AS

Aliases (T111C605K050AS{Bulk})

T111, Tantalum, MnO2 Tantalum, Commercial Grade, 6 uF, 10%, 50 VDC



## END VIEW

Click here for the 3D model.

| Dimensions | ,                    |
|------------|----------------------|
| D          | 7.98mm +0.25/-0.38mm |
| L          | 34.29mm +/-0.79mm    |
| L2         | 38.74mm              |
| LL         | 38.1mm +/-6.35mm     |
| F          | 0.64mm +/-0.05mm     |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 10        |

| General Information |   |  |
|---------------------|---|--|
| Series              | T111  |  |
| Dielectric          | MnO2 Tantalum   |  |
| Style               | Axial Hermetic  |  |
| Description         | Axial, Solid Tantalum, Hermetically Sealed, Military (Non-ER), Non-Polar    |  |
| Features            | BiPolar, Low Leakage, Low DF  |  |
| RoHS                | No  |  |
| Prop 65             | ▲ WARNING: Cancer and reproductive harm -<br>http://www.p65warnings.ca.gov. |  |
| SCIP<br>Number      | be146961-2c72-4b45-804a-c62bf7a8b23e  |  |
| Termination         | Lead (SnPb)   |  |
| Lead                | Wire Leads  |  |
| AEC-Q200            | No  |  |
| Construction        | Hermetic  |  |
| Notes               | Dimensions Include Insulation Sleeve.                                       |  |

| Specifications           |  |
|--------------------------|--|
| Capacitance              | 6 uF   |
| Capacitance<br>Tolerance | 10%  |
| Voltage DC               | 50 VDC (85C), 40 VDC (125C Surge), 33 VDC (125C Reverse) |
| Temperature<br>Range     | -55/+125°C   |
| Rated Temperature        | 85°C   |
| Dissipation Factor       | 4%   |
| Leakage Current          | 3 uA (25°C)  |

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.