



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

#### General Information

|                |   |
|----------------|---|
| Series         | T242 CSR23  |
| Dielectric     | MnO2 Tantalum   |
| Style          | Axial Hermetic  |
| Description    | Axial, Solid Tantalum, Hermetically Sealed, Military, Polar, CSR23 Style  |
| Features       | Extended Capacitance, Polar, Low Leakage  |
| RoHS           | No  |
| Prop 65        | <b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>  |
| SCIP Number    | beelead4-5fec-4214-9f43-620c5b22071f  |
| Termination    | Lead (SnPb)   |
| Lead           | Wire Leads  |
| Qualifications | MIL-PRF-39003, CSR23 Style  |
| AEC-Q200       | No  |
| Construction   | Hermetic  |
| Notes          | Dimensions Include Insulating Sleeve. Lead Length Shown Is For Parts Supplied With Bulk Packaging, When Supplied On T&R Or Ammo, Lead Length Is Determined By Taping Specification. |

#### Dimensions

|    |                   |
|----|-------------------|
| D  | 4.7mm +/-0.25mm   |
| L  | 12.04mm +/-0.79mm |
| L2 | 15.49mm           |
| LL | 38.1mm +/-6.35mm  |
| F  | 0.51mm +/-0.05mm  |
| G  | 3.45mm +0.79mm    |

#### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Box |
| Packaging Quantity | 75        |

#### Specifications

|                         |   |
|-------------------------|---|
| Capacitance             | 6.8 uF  |
| Tolerance               | 10%   |
| Voltage DC              | 50 VDC (85C), 40 VDC (125C Surge), 0.5 VDC (125C Reverse) |
| Temperature Range       | -55/+125°C  |
| Dissipation Factor      | 4%  |
| Failure Rate            | B (0.1%/1000 Hrs)   |
| ESR                     | 2 Ohms (100kHz)   |
| Ripple Current          | 224 mAmps (100kHz)  |
| Leakage Current         | 2.5 uA  |
| Testing and Reliability | Standard Testing To MIL-PRF-39003                         |

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