



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  | 3.43mm +/-0.25mm |
| L  | 7.26mm +/-0.79mm |
| L2 | 10.72mm          |
| LL | 38.1mm +/-6.35mm |
| F  | 0.51mm +/-0.05mm |
| G  | 3.46mm +0.79mm   |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Box |
| Packaging Quantity | 150       |

### Specifications

|                         |  |
|-------------------------|--|
| Capacitance             | 8.2 uF   |
| Capacitance Tolerance   | 10%  |
| Voltage DC              | 10 VDC (85C), 9 VDC (125C Surge), 0.1 VDC (125C Reverse) |
| Temperature Range       | -55/+125°C   |
| Dissipation Factor      | 6%   |
| Failure Rate            | M (1%/1000 Hrs)  |
| ESR                     | 6 Ohms (100kHz)  |
| Ripple Current          | 122 mAmps (100kHz)                                       |
| Leakage Current         | 1.2 uA   |
| Testing and Reliability | Standard Testing To MIL-PRF-39003                        |

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