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## General Information

|                |   |
|----------------|---|
| Series         | T242 CSR23  |
| Dielectric     | MnO <sub>2</sub> 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          | 7.34mm +/-0.25mm  |
| L          | 17.42mm +/-0.79mm |
| L2         | 20.88mm           |
| LL         | 38.1mm +/-6.35mm  |
| F          | 0.64mm +/-0.05mm  |
| G          | 3.46mm +0.79mm    |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | Tray |
| Packaging Quantity       | 20   |

| Specifications          |  |
|-------------------------|--|
| Capacitance             | 150 uF   |
| Tolerance               | 10%  |
| Voltage DC              | 15 VDC (85C), 12 VDC (125C Surge), 0.15 VDC (125C Reverse) |
| Temperature Range       | -55/+125°C   |
| Dissipation Factor      | 8%   |
| Failure Rate            | M (1%/1000 Hrs)  |
| ESR                     | 0.6 Ohms (100kHz)  |
| Ripple Current          | 456 mAmps (100kHz)   |
| Leakage Current         | 15 uA  |
| Testing and Reliability | Standard Testing To MIL-PRF-39003                          |

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