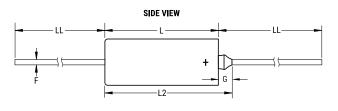


## M39003/01-6399

Aliases (T212C685J100BS7200, CSR13J685JB7200) T212 CSR13, Tantalum, MnO2 Tantalum, Military/High Reliability, 6.8 uF, 5%, 100 VDC, 1.5 Ohms





Click here for the 3D model.

| General Information |   |
|---------------------|---|
| Series              | T212 CSR13  |
| Dielectric          | MnO2 Tantalum   |
| Style               | Axial Hermetic  |
| Description         | Axial, Solid Tantalum,<br>Hermetically Sealed, Military,<br>CSR13 Style   |
| Features            | Low Leakage   |
| RoHS                | No  |
| Prop 65             | WARNING: Cancer and<br>reproductive harm -<br>https://www.p65warnings.ca.gov<br>/   |
| SCIP Number         | bee1eed4-5fec-4214-9f43-620<br>c5b22071f  |
| Termination         | Lead (SnPb)   |
| Lead                | Wire Leads  |
| Qualifications      | MIL-PRF-39003, CSR13 Style  |
| AEC-Q200            | No  |
| Construction        | Hermetic  |
| Notes               | Dimensions Include Insulating<br>Sleeve. Lead Length Shown Is<br>For Parts Supplied With Bulk<br>Packaging, When Supplied On<br>T&R Or Ammo, Lead Length Is<br>Determined By Taping<br>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                | T&R, 305mm, Class III, B = 73mm |
| Packaging Quantity       | 500                             |

| Specifications          |   |
|-------------------------|---|
| Capacitance             | 6.8 uF  |
| Tolerance               | 5%  |
| Voltage DC              | 100 VDC (85C), 86 VDC (125C<br>Surge), 1 VDC (125C Reverse) |
| Temperature Range       | -55/+125°C  |
| Dissipation Factor      | 3%  |
| Failure Rate            | B (0.1%/1000 Hrs)   |
| ESR                     | 1.5 Ohms (100kHz)   |
| Ripple Current          | 289 mAmps (100kHz)  |
| Leakage Current         | 2.5 uA  |
| Testing and Reliability | Standard Testing To MIL-<br>PRF-39003                       |

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