

KEMET Part Number: M39003/01-5167
(T212C685K100MS, CSR13J685KM)



T212 CSR13, Tantalum, MnO2 Tantalum, Military/High Reliability, 6.8 uF, 10%, 100 VDC, 1.5 Ohms



| 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 |

| General Information | |
|---------------------|---|
| Series: | T212 CSR13 |
| Dielectric: | MnO2 Tantalum |
| Style: | Axial Hermetic |
| Description: | Axial, Solid Tantalum, Hermetically Sealed, Military, CSR13 Style |
| Features: | Low Leakage |
| RoHS: | No |
| Prop 65: | WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov . |
| REACH: | SVHC (Pb – CAS 7439-92-1) |
| SCIP Number: | bee1eed4-5fec-4214-9f43-620c5b22071f |
| Termination: | Lead (SnPb) |
| Lead: | Wire Leads |
| Qualifications: | MIL-PRF-39003, CSR13 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. |

| Specifications | |
|--------------------------|--|
| Capacitance: | 6.8 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 100 VDC (85C), 86 VDC (125C Surge), 1 VDC (125C Reverse) |
| Temperature Range: | -55/+125°C |
| Dissipation Factor: | 3% |
| Failure Rate: | M (1%/1000 Hrs) |
| Resistance: | 1.5 Ohms (100kHz) |
| Ripple Current: | 289 mAmps (100kHz) |
| Leakage Current: | 2.5 uA |
| Testing and Reliability: | Standard Testing To MIL-PRF-39003 |

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