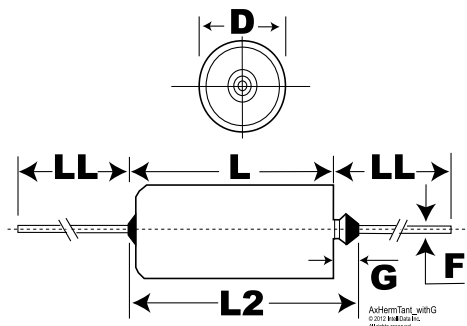


KEMET Part Number: T242D687K006SS
(M39003/03-0411{KEM}, CSR23B687KS)

Tantalum, MnO2 Tantalum, Military/High Reliability, KEMET, T242_CSR23, 680 uF, 10%, 6 V, 300 mOhms



| Dimensions | |
|------------|-------------------|
| D | 8.92mm +/-0.25mm |
| L | 19.96mm +/-0.79mm |
| L2 | 23.42mm |
| LL | 38.1mm +/-6.35mm |
| F | 0.64mm +/-0.05mm |
| G | 3.46mm +0.79mm |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging: | Bulk, Tray |
| Packaging Quantity: | 20 |

| General Information | |
|---------------------|---|
| Dielectric: | MnO2 Tantalum |
| Style: | Axial Hermetic |
| Supplier: | KEMET |
| Series: | T242_CSR23 |
| Description: | Axial, Solid Tantalum, Hermetically Sealed, Military, Polar, CSR23 Style |
| Features: | Extended Capacitance, Polar, Low Leakage |
| RoHS: | No |
| Termination: | Lead (SnPb) |
| Lead: | Wire Leads, Uninsulated |
| Construction: | Hermetic |
| Notes: | Dimensions Include Insulating Sleeve(Standard). Lead Length Shown is For Parts Supplied With Bulk Packaging, When Supplied On T&R Or Ammo, Lead Length Is Determined By Taping Specification. Failure Rates M ,P, R, And S Are Obsolete For New Designs As Of 1982. MIL-PRF-39003 Suggests B Failure Rate As Replacement. |

| Specifications | |
|--------------------------|--|
| Capacitance: | 680 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 6 VDC (85C), 5 VDC (125C Surge), 0.06 V (125C Reverse) |
| Temperature Range: | -55/+125C |
| Failure Rate: | S (0.001%/1000 Hrs) |
| Resistance: | 0.3 Ohms (100kHz) |
| Current: | 775 mAmps (100kHz) |
| Leakage: | 20 uAmps |
| Testing and Reliability: | Standard Testing To MIL-PRF-39003 |

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