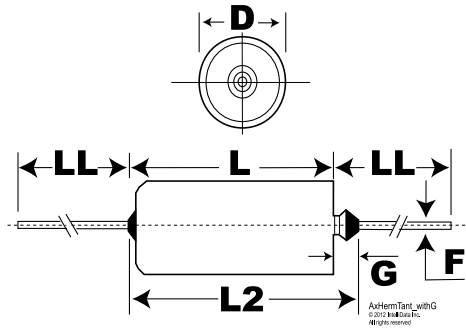


KEMET Part Number: T252B685K050CS
(M39003/06-3080{KEM}, CSR33G685KC)

Tantalum, MnO2 Tantalum, Military/High Reliability, KEMET, T252_CSR33, 6.8 uF, 10%, 50 V, 2 Ohms



| Dimensions | |
|------------|-------------------|
| D | 4.7mm +/-0.25mm |
| L | 12.04mm +/-0.79mm |
| L2 | 15.49mm |
| LL | 38.1mm +/-6.35mm |
| F | 0.51mm +/-0.05mm |
| G | 3.45mm +0.79mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging: | Bulk, Box |
| Packaging Quantity: | 75 |

| General Information | |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dielectric: | MnO2 Tantalum |
| Style: | Axial Hermetic |
| Supplier: | KEMET |
| Series: | T252_CSR33 |
| Description: | Axial, Solid Tantalum, Hermetically Sealed, Military, CSR33 Style |
| Features: | Extended Capacitance, 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 |

| Specifications | |
|--------------------------|---------------------------------------------------------|
| Capacitance: | 6.8 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 50 VDC (85C), 40 VDC (125C Surge), 0.5 V (125C Reverse) |
| Temperature Range: | -55/+125C |
| Failure Rate: | C (0.01%/1000 Hrs) |
| Resistance: | 2 Ohms (100kHz) |
| Current: | 224 mAmps (100kHz) |
| Leakage: | 1 uAmps |
| Testing and Reliability: | Standard Testing To MIL-PRF-39003 |