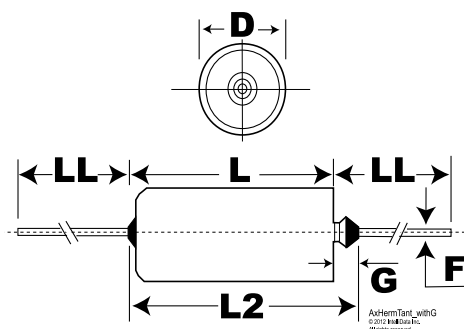


**KEMET Part Number: T252D337K015CS**  
(M39003/06-3044{KEM}, CSR33D337KC)

Tantalum, MnO2 Tantalum, Military/High Reliability, KEMET, T252\_CSR33, 330 uF, 10%, 15 V, 400 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:       | 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:             | 330 uF                                                   |
| Capacitance Tolerance:   | 10%                                                      |
| Voltage DC:              | 15 VDC (85C), 12 VDC (125C Surge), 0.15 V (125C Reverse) |
| Temperature Range:       | -55/+125C                                                |
| Failure Rate:            | C (0.01%/1000 Hrs)                                       |
| Resistance:              | 0.4 Ohms (100kHz)                                        |
| Current:                 | 671 mAmps (100kHz)                                       |
| Leakage:                 | 2 uAmps                                                  |
| Testing and Reliability: | Standard Testing To MIL-PRF-39003                        |

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