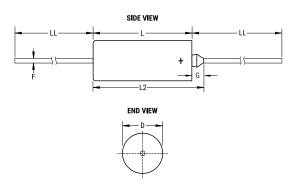
## **KEMET Part Number: M39003/01-7093**

(T212C476K020CS, CSR13E476KC)



## T212\_CSR13, Tantalum, MnO2 Tantalum, Military/High Reliability, 47 uF, 10%, 20 VDC, 1.2 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:               | Bulk, Tray |  |
| Packaging Quantity:      | 20         |  |

| General Information |  |
|---------------------|--|
| Supplier:           | KEMET  |
| 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 reproductive harm - www.p65warnings.ca.gov.  |
| REACH:              | SVHC (Pb - CAS 7439-92-1)  |
| Termination:        | Lead (SnPb)  |
| Lead:               | Wire Leads   |
| Qualifications:     | MIL-PRF-39003, CSR13 Style   |
| 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<br>Is Determined By Taping<br>Specification |

| Specifications           |  |
|--------------------------|--|
| Capacitance:             | 47 uF  |
| Capacitance Tolerance:   | 10%  |
| Voltage DC:              | 20 VDC (85C), 16 VDC (125C<br>Surge), 0.2 VDC (125C Reverse) |
| Temperature Range:       | -55/+125C  |
| Failure Rate:            | C (0.01%/1000 Hrs)   |
| Resistance:              | 1.2 Ohms (100kHz)  |
| Ripple Current:          | 323 mAmps (100kHz)   |
| Leakage Current:         | 4.5 uA   |
| Testing and Reliability: | Standard Testing To MIL-<br>PRF-39003                        |

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