

**KEMET Part Number: M39003/01-2848**  
(T212B475K050RS, CSR13G475KR)

T212\_CSR13, Tantalum, MnO2 Tantalum, Military/High Reliability, 4.7 uF, 10%, 50 VDC, 2.5 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 |  |
|---------------------|--|
| Supplier:           | KEMET  |
| 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:            | <b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>  |
| 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 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:             | 4.7 uF  |
| Capacitance Tolerance:   | 10%   |
| Voltage DC:              | 50 VDC (85C), 40 VDC (125C Surge), 0.5 VDC (125C Reverse) |
| Temperature Range:       | -55/+125C   |
| Failure Rate:            | R (0.01%/1000 Hrs)  |
| Resistance:              | 2.5 Ohms (100kHz)   |
| Ripple Current:          | 200 mAmps (100kHz)  |
| Leakage Current:         | 1.7 uA  |
| Testing and Reliability: | Standard Testing To MIL-PRF-39003                         |