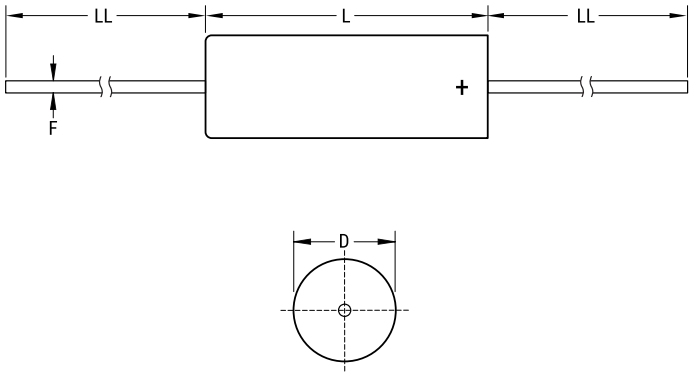
# M39003/02-0148

Aliases (T225B225K035RS, M39003/02-0148, CSR09F225KR)

T225 CSR09, Tantalum, MnO2 Tantalum, Military/High Reliability, 2.2 uF, 10%, 35 VDC, 5 Ohms







Click here for the 3D model.

| General Information | |
|---|---|
| Series | T225 CSR09 |
| Dielectric | MnO2 Tantalum |
| Style | Axial Hermetic |
| Description | Axial, Solid Tantalum, Hermetically Sealed, High Temp Solder, Military, CSR09 Style |
| Features | Miniature, High Temperature Solder, Low Leakage, Low DF |
| RoHS | No |
| Prop 65 | **WARNING:** Cancer and reproductive harm - https://www.p65warnings.ca.gov./ |
| Termination | Lead (SnPb) |
| Lead | Wire Leads |
| Qualifications | MIL-PRF-39003, CSR09 Style |
| Construction | Hermetic |
| Notes | Dimensions Include Insulating Sleeve. Positive Lead: Alloy 52 (Solder Coated); Negative Lead: Solder Coated Nickel. |

| Dimensions | |
|---|---|
| D | 3.51mm +0.25/-0.26mm |
| L | 9.91mm +0.38/-0.39mm |
| LL | 38.1mm +/-6.35mm |
| F | 0.41mm +0.13/-0.03mm |

| Packaging Specifications | |
|---|---|
| Packaging | Bulk, Box |
| Packaging Quantity | 150 |

| Specifications | |
|---|---|
| Capacitance | 2.2 uF |
| Tolerance | 10% |
| Voltage DC | 35 VDC (85C), 23 VDC (125C), 46 VDC (85C Surge), 1.75 VDC (85C Reverse) |
| Temperature Range | -55/+125°C |
| Dissipation Factor | 3% |
| Failure Rate | R (0.01%/1000 Hrs) |
| ESR | 5 Ohms (100kHz) |
| Ripple Current | 134 mAmps (100kHz) |
| Leakage Current | 1.4 uA |
| Testing and Reliability | Standard Testing To MIL-PRF-39003 |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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