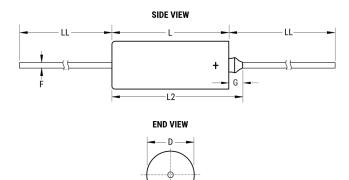


## M39003/09-4029C

Aliases (T262D127K015DS4252, M39003/09-4029C{KEM}, CSR21D127KDC)

T262 CSR21, Tantalum, MnO2 Tantalum, Military/High Reliability, 120 uF, 10%, 15 VDC, 70 mOhms



Click here for the 3D model.

| 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                | Tray |
| Packaging Quantity       | 20   |

| General Information |  |  |
|---------------------|--|--|
| Series              | T262 CSR21   |  |
| Dielectric          | MnO2 Tantalum  |  |
| Style               | Axial Hermetic   |  |
| Description         | Axial, Solid Tantalum, Hermetically Sealed, Military,<br>CSR21 Style   |  |
| Features            | Low ESR, High Current  |  |
| RoHS                | No   |  |
| Prop 65             | A WARNING: Cancer and reproductive harm -<br>http://www.p65warnings.ca.gov.  |  |
| SCIP Number         | bee1eed4-5fec-4214-9f43-620c5b22071f   |  |
| Termination         | Lead (SnPb)  |  |
| Lead                | Wire Leads   |  |
| AEC-Q200            | No   |  |
| Construction        | Hermetic   |  |
| Miscellaneous       | Ripple Current Rating Shown Is At 40Khz And 25C;<br>ESR Is Per MIL-PRF-39003/9. Part Number<br>Specifies Special Surge Testing Level C; See MIL-<br>PRF-39003/9 For Further Information.     |  |
| Notes               | Dimensions Include Insulating Sleeve. Lead Length<br>Shown Is For Parts Supplied With Bulk Packaging,<br>When Supplied On T&R Or Ammo, Lead Length Is<br>Determined By Taping Specification. |  |

| Specifications             |   |  |  |
|----------------------------|---|--|--|
| Capacitance                | 120 uF  |  |  |
| Capacitance<br>Tolerance   | 10%   |  |  |
| Voltage DC                 | 15 VDC (85C), 12 VDC (125C Surge), 0.15 VDC<br>(125C Reverse) |  |  |
| Temperature<br>Range       | -55/+125°C  |  |  |
| <b>Dissipation Factor</b>  | 8% 1kHz 25C   |  |  |
| Failure Rate               | D (0.001%/1000 Hrs)   |  |  |
| Resistance                 | 0.07 Ohms (100kHz)  |  |  |
| Ripple Current             | 3500 mAmps (100kHz)   |  |  |
| Leakage Current            | 9 uA  |  |  |
| Testing and<br>Reliability | Option C, Surge Testing At -55C And +85C before Weibull       |  |  |

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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>>KEMET(基美)