

M39003/03-0360

Aliases (T242C127K020RS, M39003/03-0360, CSR23E127KR)
T242 CSR23, Tantalum, MnO₂ Tantalum, Military/High Reliability, 120 uF, 10%, 20 VDC, 600 mOhms



Click [here](#) for the 3D model.

General Information

| | |
|----------------|---|
| Series | T242 CSR23 |
| Dielectric | MnO ₂ Tantalum |
| Style | Axial Hermetic |
| Description | Axial, Solid Tantalum, Hermetically Sealed, Military, Polar, CSR23 Style |
| Features | Extended Capacitance, Polar, Low Leakage |
| RoHS | No |
| Prop 65 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/ |
| SCIP Number | beeled4-5fec-4214-9f43-620c5b22071f |
| Termination | Lead (SnPb) |
| Lead | Wire Leads |
| Qualifications | MIL-PRF-39003, CSR23 Style |
| AEC-Q200 | No |
| 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. |

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

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|--------------------|------|
| Packaging | Tray |
| Packaging Quantity | 20 |

Specifications

| | |
|-------------------------|---|
| Capacitance | 120 uF |
| Tolerance | 10% |
| Voltage DC | 20 VDC (85C), 16 VDC (125C Surge), 0.2 VDC (125C Reverse) |
| Temperature Range | -55/+125°C |
| Dissipation Factor | 6% |
| Failure Rate | R (0.01%/1000 Hrs) |
| ESR | 0.6 Ohms (100kHz) |
| Ripple Current | 456 mAmps (100kHz) |
| Leakage Current | 12 uA |
| Testing and Reliability | Standard Testing To MIL-PRF-39003 |

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