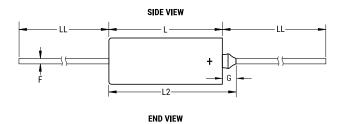


M39003/01-7378E
Aliases (M39003/01-7378EKEMET,CSR13J125KCE)
T215 CSR13, Tantalum, MnO2 Tantalum, Military/High Reliability, 1.2 uF, 10%, 100 VDC, 7 Ohms





Click here for the 3D model.

| General Information | |
|---------------------|---|
| Series | T215 CSR13 |
| Dielectric | MnO2 Tantalum |
| Style | Axial Hermetic |
| Description | Axial, Solid Tantalum, Hermetically Sealed, High Temp Solder, Military, CSR13 Style |
| Features | High Temperature Solder, Low Leakage |
| RoHS | No |
| Prop 65 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/ |
| Termination | Lead (SnPb) |
| Lead | Wire Leads |
| Qualifications | CSR13 Style |
| AEC-Q200 | No |
| Construction | Hermetic |
| Miscellaneous | Note: Part Number Specifies Special Surge Testing Level E; See MIL-PRF-39003 Or KEMET For Further Information. |
| 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 | 4.7mm +/-0.25mm |
| L | 12.04mm +/-0.79mm |
| L2 | 15.49mm MAX |
| LL | 38.1mm +/-6.35mm |
| F | 0.51mm +/-0.05mm |
| G | 3.45mm +0.79mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Box |
| Packaging Quantity | 75 |

| Specifications | |
|-------------------------|--|
| Capacitance | 1.2 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 100 VDC (85C), 67 VDC (125C), 130 VDC (85C Surge), 5 VDC (85C Reverse) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 3% |
| Failure Rate | C (0.01%/1000 Hrs) |
| ESR | 7 Ohms (100kHz) |
| Ripple Current | 120 mAmps (100kHz) |
| Leakage Current | 0.5 uA |
| Testing and Reliability | Option E, Surge Testing At -55C And +85C After 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.

Generated 11/12/2024 © 2006 - 2024 YAGEO