

M39003/01-8185D

Aliases (T215A474M050DS4250, CSR13G474MDD)

T215 CSR13, Tantalum, MnO2 Tantalum, Military/High Reliability, 0.47 uF, 20%, 50 VDC, 13 Ohms



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

Dimensions

| | |
|----|------------------|
| D | 3.43mm +/-0.25mm |
| L | 7.26mm +/-0.79mm |
| L2 | 10.72mm MAX |
| LL | 38.1mm +/-6.35mm |
| F | 0.51mm +/-0.05mm |
| G | 3.46mm +0.79mm |

Packaging Specifications

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

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 - http://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 D; 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. |

Specifications

| | |
|-------------------------|--|
| Capacitance | 0.47 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 50 VDC (85C), 33 VDC (125C), 65 VDC (85C Surge), 2.5 VDC (85C Reverse) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 2% |
| Failure Rate | D (0.001%/1000 Hrs) |
| ESR | 13 Ohms (100kHz) |
| Ripple Current | 83 mAmps (100kHz) |
| Leakage Current | 0.3 uA |
| Testing and Reliability | Option D, Surge Testing At +25C 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.