

T409G106K025CC7610

T409 CWR09, Tantalum, MnO2 Tantalum, Military/High Reliability, 10 uF, 10%, 25 VDC, SMD, MnO2, Molded, Military Equivalent, C (0.01%/1000 Hrs), 1.4 Ohms, 6728, Height Max = 3.17mm



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

Dimensions

| | |
|-----------|----------------------|
| Footprint | 6728 |
| L | 6.73mm +/-0.38mm |
| W | 2.79mm +/-0.38mm |
| H | 2.79mm +/-0.38mm |
| S | 1.27mm +0.25/-0.13mm |
| F | 2.67mm +/-0.13mm |
| K | 1.52mm MIN |
| P | 0.76mm MIN |

Packaging Specifications

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|-----------|-----------|
| Packaging | Bulk, Bag |
|-----------|-----------|

General Information

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|------------------|--|
| Series | T409 CWR09 |
| Dielectric | MnO2 Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO2, Molded, Military Equivalent |
| RoHS | No |
| Prop 65 | ⚠ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov . |
| Termination | Hot Solder Dipped |
| Qualifications | MIL-PRF-55365/4, CWR09 Style |
| AEC-Q200 | No |
| Component Weight | 266.42 mg |
| Notes | Note: When Option C Is Selected For Lead Material, Add An Additional 0.38mm To The Tolerances For "L", "W", "H", "K", "F" And "S". |
| MSL | 1 |

Specifications

| | |
|-------------------------|--------------------------------|
| Capacitance | 10 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 25 VDC (85C), 16.75 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | C (0.01%/1000 Hrs) |
| Resistance | 1.4 Ohms (100kHz 25C) |
| Leakage Current | 3 uA (5min 25°C) |
| Testing and Reliability | Standard Testing Only |

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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