


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

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 - https://www.p65warnings.ca.gov/ . |
| SCIP Number | 652b281f-d242-4453-bc44-0655d646cec3 |
| Termination | Hot Solder Dipped |
| Qualifications | MIL-PRF-55365/4, CWR09 Style |
| AEC-Q200 | No |
| Typical Component Weight | 349.01 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 |

Dimensions

| | | | |
|-----------|----------------------|-------------------------|--|
| Footprint | 7238 | Capacitance | 15 uF |
| L | 7.24mm +/-0.38mm | Capacitance Tolerance | 10% |
| W | 3.81mm +/-0.38mm | Voltage DC | 25 VDC (85C), 16.75 VDC (125C) |
| H | 2.79mm +/-0.38mm | Temperature Range | -55/+125°C |
| S | 1.27mm +0.25/-0.13mm | Rated Temperature | 85°C |
| F | 3.68mm +0.13/-0.51mm | Dissipation Factor | 6% 120Hz 25C |
| K | 1.52mm MIN | Failure Rate | B (0.1%/1000 Hrs) |
| P | 0.76mm MIN | ESR | 1 Ohms (100kHz 25C) |
| | | Ripple Current | 387 mA (rms, 100kHz 25C) |
| | | Leakage Current | 4 uA (5min 25°C) |
| | | Testing and Reliability | Surge Testing (10 Cycles At -55C And +85C After Weibull) |

Packaging Specifications

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|--------------------|------------|
| Packaging | T&R, 178mm |
| Packaging Quantity | 500 |

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