

CWR11HC106KCC

Aliases (T492C106K015CC4252)

T492 CWR11, Tantalum, MnO₂ Tantalum, Military/High Reliability, 10 uF, 10%, 15 VDC, SMD, MnO₂, Molded, Military Equivalent, C (0.01%/1000 Hrs), 2.5 Ohms, 6032, 2.8mm



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

General Information

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|--------------------------|--|
| Series | T492 CWR11 |
| Dielectric | MnO ₂ Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO ₂ , 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-55365/8, CWR11 Style |
| AEC-Q200 | No |
| Typical Component Weight | 224.2 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 | 6032 |
| L | 6mm +/-0.3mm |
| W | 3.2mm +/-0.3mm |
| H | 2.5mm +/-0.3mm |
| T | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.2mm +/-0.1mm |
| B | 0.5mm +/-0.15mm |
| E | 2.4mm REF |
| G | 2.8mm REF |
| K | 1mm MIN |
| P | 0.5mm MIN |
| R | 1mm REF |
| X | 0.1mm +/-0.1mm REF |

Specifications

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|-------------------------|---|
| Capacitance | 10 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 15 VDC (85C), 10.05 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | C (0.01%/1000 Hrs) |
| ESR | 2.5 Ohms (100kHz 25C) |
| Ripple Current | 210 mA (rms, 100kHz 25C) |
| Leakage Current | 1.5 uA (5min 25°C) |
| Testing and Reliability | Surge Testing (10 Cycles At -55C And +85C Before Weibull) |

Packaging Specifications

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

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