

CWR11MC224KA

Aliases (T492A224K035AC)

T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 0.22 uF, 10%, 35 VDC, SMD, MnO2, Molded, Military Equivalent, A (Non-ER), 18 Ohms, 1.8 mm, 1206 / 3216



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

General Information

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|--------------------------|--|
| Series | T492 CWR11 |
| 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-55365/8, CWR11 Style |
| Typical Component Weight | 58.97 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

| | |
|---|--------------------|
| L | 3.2mm +/-0.2mm |
| W | 1.6mm +/-0.2mm |
| H | 1.6mm +/-0.2mm |
| T | 0.13mm REF |
| S | 0.8mm +/-0.3mm |
| F | 1.2mm +/-0.1mm |
| B | 0.4mm +/-0.15mm |
| E | 1.3mm REF |
| G | 1.1mm REF |
| K | 0.7mm MIN |
| P | 0.35mm MIN |
| R | 0.4mm REF |
| X | 0.1mm +/-0.1mm REF |

Packaging Specifications

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|--------------------|------------|
| Packaging | T&R, 178mm |
| Packaging Quantity | 2000 |

Specifications

| | |
|-------------------------|--------------------------------|
| Capacitance | 0.22 uF |
| Tolerance | 10% |
| Voltage DC | 35 VDC (85C), 23.45 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 4% 120Hz 25C |
| Failure Rate | A (Non-ER) |
| ESR | 18 Ohms (100kHz 25C) |
| Ripple Current | 65 mA (rms, 100kHz 25C) |
| Leakage Current | 0.5 uA (5min 25°C) |
| Testing and Reliability | Standard Testing Only |

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