

KEMET Part Number: CWR11NH225JBC
(T492D225J050BH4252)



T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 2.2 uF, 5%, 50 VDC, SMD, MnO2, Molded, Military Equivalent, B (0.1%/1000 Hrs), 2.5 Ohms, 7343, Height Max = 3.1mm



| Dimensions | |
|------------|-----------------|
| Footprint | 7343 |
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| H | 2.8mm +/-0.3mm |
| T | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| B | 0.5mm +/-0.15mm |
| E | 3.5mm REF |
| G | 3.5mm REF |
| K | 1mm MIN |
| P | 0.5mm MIN |
| R | 1mm REF |
| X | 0.1mm +/-0.1mm |

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

| General Information | |
|---------------------|--|
| Series: | T492 CWR11 |
| Dielectric: | MnO2 Tantalum |
| Style: | SMD Chip |
| Description: | SMD, MnO2, Molded, Military Equivalent |
| RoHS: | No |
| Prop 65: | WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov |
| SCIP Number: | 1dd2e1b8-26dd-4d52-927c-6f9d519011aa |
| Termination: | Solder Coated |
| Qualifications: | MIL-PRF-55365/8, CWR11 Style |
| AEC-Q200: | No |
| Component Weight: | 412.33 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: | 2.2 uF |
| Capacitance Tolerance: | 5% |
| Voltage DC: | 50 VDC (85C), 33.5 VDC (125C) |
| Temperature Range: | -55/+125°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 6% 120Hz 25C |
| Failure Rate: | B (0.1%/1000 Hrs) |
| Resistance: | 2.5 Ohms (100kHz 25C) |
| Leakage Current: | 1.1 uA (5min 25°C) |
| Testing and Reliability: | Surge Testing At -55C And +85C Before Weibull |

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