

**KEMET Part Number: CWR11JK225KB**  
(T492B225K020BK)



T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 2.2 uF, 10%, 20 VDC, SMD, MnO2, Molded, Military Equivalent, B (0.1%/1000 Hrs), 5 Ohms, 3528, Height Max = 2.1mm



**Dimensions**

| Footprint | 3528            |
|-----------|-----------------|
| L         | 3.5mm +/-0.2mm  |
| W         | 2.8mm +/-0.2mm  |
| H         | 1.9mm +/-0.2mm  |
| T         | 0.13mm REF      |
| S         | 0.8mm +/-0.3mm  |
| F         | 2.2mm +/-0.1mm  |
| B         | 0.4mm +/-0.15mm |
| E         | 2.2mm REF       |
| G         | 1.8mm REF       |
| K         | 0.7mm MIN       |
| P         | 0.35mm MIN      |
| R         | 1mm REF         |
| X         | 0.1mm +/-0.1mm  |

**Packaging Specifications**

|                            |            |
|----------------------------|------------|
| <b>Packaging:</b>          | T&R, 178mm |
| <b>Packaging Quantity:</b> | 2000       |

**General Information**

|                          |  |
|--------------------------|--|
| <b>Series:</b>           | T492 CWR11   |
| <b>Dielectric:</b>       | MnO2 Tantalum  |
| <b>Style:</b>            | SMD Chip   |
| <b>Description:</b>      | SMD, MnO2, Molded, Military Equivalent   |
| <b>RoHS:</b>             | No   |
| <b>Prop 65:</b>          | <b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> .                |
| <b>SCIP Number:</b>      | 656db0b8-8445-4117-82f2-2f12e764f0b1   |
| <b>Termination:</b>      | Solder Fused   |
| <b>Qualifications:</b>   | MIL-PRF-55365/8, CWR11 Style   |
| <b>AEC-Q200:</b>         | No   |
| <b>Component Weight:</b> | 102.3 mg   |
| <b>Notes:</b>            | 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". |
| <b>MSL:</b>              | 1  |

**Specifications**

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Capacitance:</b>             | 2.2 uF                        |
| <b>Capacitance Tolerance:</b>   | 10%                           |
| <b>Voltage DC:</b>              | 20 VDC (85C), 13.4 VDC (125C) |
| <b>Temperature Range:</b>       | -55/+125°C                    |
| <b>Rated Temperature:</b>       | 85°C                          |
| <b>Dissipation Factor:</b>      | 6% 120Hz 25C                  |
| <b>Failure Rate:</b>            | B (0.1%/1000 Hrs)             |
| <b>Resistance:</b>              | 5 Ohms (100kHz 25C)           |
| <b>Leakage Current:</b>         | 0.5 uA (5min 25°C)            |
| <b>Testing and Reliability:</b> | Standard Testing Only         |

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