

CWR11JH156KA

Aliases (T492D156K020AH, T492D156K020AS)

T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 15 uF, 10%, 20 VDC, SMD, MnO2, Molded, Military Equivalent, A (Non-ER), 1.1 Ohms, 3.1 mm, 2817 / 7343



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

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 - https://www.p65warnings.ca.gov/ |
| SCIP Number | 1dd2e1b8-26dd-4d52-927c-6f9d519011aa |
| Termination | Tin Lead (SnPb) |
| Qualifications | MIL-PRF-55365/8, CWR11 Style |
| Typical 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 |

Dimensions

| | |
|---|--------------------|
| 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 REF |

Specifications

| | |
|-------------------------|-------------------------------|
| Capacitance | 15 uF |
| Tolerance | 10% |
| Voltage DC | 20 VDC (85C), 13.4 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | A (Non-ER) |
| ESR | 1.1 Ohms (100kHz 25C) |
| Ripple Current | 369 mA (rms, 100kHz 25C) |
| Leakage Current | 3 uA (5min 25°C) |
| Testing and Reliability | Standard Testing Only |

Packaging Specifications

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

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