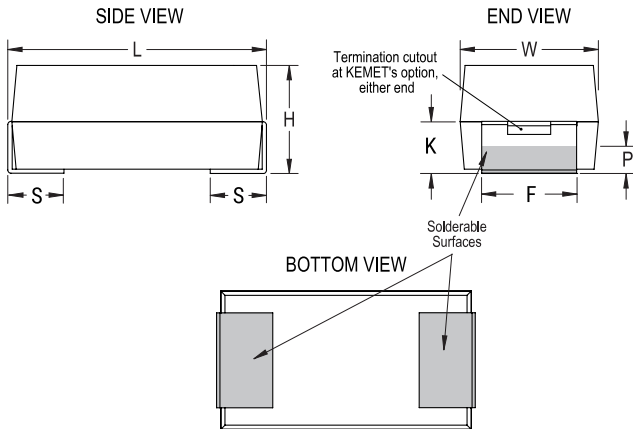


CWR11KH106KDC

Aliases (T492D106K025DH4252, T492D106K025DS4252)
 T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 10 uF,
 10%, 25 VDC, SMD, MnO2, Molded, Military Equivalent, D (0.001%/1000
 Hrs), 1.2 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 | 10 uF |
| Tolerance | 10% |
| Voltage DC | 25 VDC (85C), 16.75 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | D (0.001%/1000 Hrs) |
| ESR | 1.2 Ohms (100kHz 25C) |
| Ripple Current | 354 mA (rms, 100kHz 25C) |
| Leakage Current | 2.5 uA (5min 25°C) |
| Testing and Reliability | Surge Testing (10 Cycles At -55C +/-5C And +85C +/-5C Before Weibull) |

Packaging Specifications

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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.