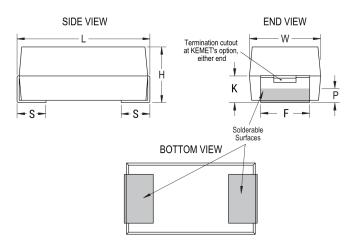


CWR11MH685MAA

Aliases (T492D685M035AH4250)

T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 6.8 uF, 20%, 35 VDC, SMD, MnO2, Molded, Military Equivalent, A (Non-ER), 1.3 Ohms, 7343, Height Max = 3.1mm



Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| Footprint | 7343 |
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| Н | 2.8mm +/-0.3mm |
| Т | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| В | 0.5mm +/-0.15mm |
| E | 3.5mm REF |
| G | 3.5mm REF |
| K | 1mm MIN |
| Р | 0.5mm MIN |
| R | 1mm REF |
| Χ | 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 - http://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 | 6.8 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 35 VDC (85C), 23.45 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | A (Non-ER) |
| Resistance | 1.3 Ohms (100kHz 25C) |
| Ripple Current | 340 mA (rms, 100kHz 25C) |
| Leakage Current | 2.4 uA (5min 25°C) |
| Testing and Reliability | Surge Testing (10 Cycles At 25C After Weibull) |

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.