

**KEMET Part Number: CWR11MH685KC**  
(T492D685K035CH)



T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 6.8 uF, 10%, 35 VDC, SMD, MnO2, Molded, Military Equivalent, C (0.01%/1000 Hrs), 1.3 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:            | <b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> .                |
| 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:   | 10%                            |
| 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:            | C (0.01%/1000 Hrs)             |
| Resistance:              | 1.3 Ohms (100kHz 25C)          |
| Leakage Current:         | 2.4 uA (5min 25°C)             |
| Testing and Reliability: | Standard Testing Only          |

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