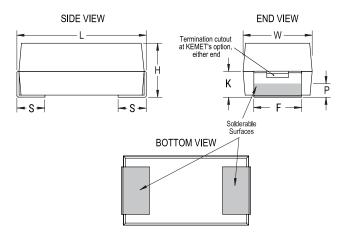


T492B685K010AC7280

T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 6.8 uF, 10%, 10 VDC, SMD, MnO2, Molded, Military Equivalent, A (Non-ER), 3.5 Ohms, 3528, 2.1 mm, 0.8 mm



| Click | here | for th | ne 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 | 652b281f-d242-4453-bc44-06 55d646cec3 |
| Termination | Hot Solder Dipped |
| Qualifications | MIL-PRF-55365/8, CWR11 Style |
| AEC-Q200 | No |
| Typical Component Weight | 102.3 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 | 3.5mm +/-0.2mm |
| W | 2.8mm +/-0.2mm |
| Н | 1.9mm +/-0.2mm |
| Т | 0.13mm REF |
| S | 0.8mm +/-0.3mm |
| F | 2.2mm +/-0.1mm |
| В | 0.4mm +/-0.15mm |
| E | 2.2mm REF |
| G | 1.8mm REF |
| K | 0.7mm MIN |
| Р | 0.35mm MIN |
| R | 1mm REF |
| Х | 0.1mm +/-0.1mm REF |

| Packaging Specifications | | | |
|--------------------------|------------|--|--|
| Packaging | T&R, 330mm | | |
| Packaging Quantity | 8000 | | |

| Specifications | |
|-------------------------|------------------------------|
| Capacitance | 6.8 uF |
| Tolerance | 10% |
| Voltage DC | 10 VDC (85C), 6.7 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | A (Non-ER) |
| ESR | 3.5 Ohms (100kHz 25C) |
| Ripple Current | 156 mA (rms, 100kHz 25C) |
| Leakage Current | 0.7 uA (5min 25°C) |
| Testing and Reliability | Standard Testing Only |

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.

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