

KEMET Part Number: CWR11FH685JD
(T492B685J010DH)



T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 6.8 uF, 5%, 10 VDC, SMD, MnO2, Molded, Military Equivalent, D (0.001%/1000 Hrs), 3.5 Ohms, 3528, Height Max = 2.1mm



Dimensions

| Dimensions | |
|------------|-----------------|
| Footprint | 3528 |
| L | 3.5mm +/-0.2mm |
| W | 2.8mm +/-0.2mm |
| H | 1.9mm +/-0.2mm |
| T | 0.13mm REF |
| S | 0.8mm +/-0.3mm |
| F | 2.2mm +/-0.1mm |
| B | 0.4mm +/-0.15mm |
| E | 2.2mm REF |
| G | 1.8mm REF |
| K | 0.7mm MIN |
| P | 0.35mm MIN |
| R | 1mm REF |
| X | 0.1mm +/-0.1mm |

Packaging Specifications

| | |
|---------------------|------------|
| Packaging: | T&R, 178mm |
| Packaging Quantity: | 2000 |

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 - 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: | 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 |

Specifications

| | |
|--------------------------|------------------------------|
| Capacitance: | 6.8 uF |
| Capacitance Tolerance: | 5% |
| 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: | D (0.001%/1000 Hrs) |
| Resistance: | 3.5 Ohms (100kHz 25C) |
| Leakage Current: | 0.7 uA (5min 25°C) |
| Testing and Reliability: | Standard Testing Only |

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