

**KEMET Part Number: CWR11FH685JDA**  
(T492B685J010DH4250)



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**

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**

<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	2000

**General Information**

<b>Series:</b>	T492 CWR11
<b>Dielectric:</b>	MnO2 Tantalum
<b>Style:</b>	SMD Chip
<b>Description:</b>	SMD, MnO2, Molded, Military Equivalent
<b>RoHS:</b>	No
<b>Prop 65:</b>	<b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> .
<b>SCIP Number:</b>	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
<b>Termination:</b>	Solder Coated
<b>Qualifications:</b>	MIL-PRF-55365/8, CWR11 Style
<b>AEC-Q200:</b>	No
<b>Component Weight:</b>	102.3 mg
<b>Notes:</b>	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".
<b>MSL:</b>	1

**Specifications**

<b>Capacitance:</b>	6.8 uF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage DC:</b>	10 VDC (85C), 6.7 VDC (125C)
<b>Temperature Range:</b>	-55/+125°C
<b>Rated Temperature:</b>	85°C
<b>Dissipation Factor:</b>	6% 120Hz 25C
<b>Failure Rate:</b>	D (0.001%/1000 Hrs)
<b>Resistance:</b>	3.5 Ohms (100kHz 25C)
<b>Leakage Current:</b>	0.7 uA (5min 25°C)
<b>Testing and Reliability:</b>	Surge Testing At 25C After Weibull

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