

**KEMET Part Number: CWR11FK105KCB**  
(T492A105K010CK4251)



T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 1 uF, 10%, 10 VDC, SMD, MnO2, Molded, Military Equivalent, C (0.01%/1000 Hrs), 10 Ohms, 3216, Height Max = 1.8mm



**Dimensions**

Footprint 3216	
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	1.2mm +/-0.1mm
B	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
K	0.7mm MIN
P	0.35mm MIN
R	0.4mm 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>	656db0b8-8445-4117-82f2-2f12e764f0b1
<b>Termination:</b>	Solder Fused
<b>Qualifications:</b>	MIL-PRF-55365/8, CWR11 Style
<b>AEC-Q200:</b>	No
<b>Component Weight:</b>	58.97 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>	1 uF
<b>Capacitance Tolerance:</b>	10%
<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>	4% 120Hz 25C
<b>Failure Rate:</b>	C (0.01%/1000 Hrs)
<b>Resistance:</b>	10 Ohms (100kHz 25C)
<b>Leakage Current:</b>	0.5 uA (5min 25°C)
<b>Testing and Reliability:</b>	Surge Testing At -55C And +85C After Weibull

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