

**KEMET Part Number: CWR11NH105KB**  
(T492C105K050BH)



T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 1 uF, 10%, 50 VDC, SMD, MnO2, Molded, Military Equivalent, B (0.1%/1000 Hrs), 6 Ohms, 6032, Height Max = 2.8mm



**Dimensions**

Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
K	1mm MIN
P	0.5mm MIN
R	1mm REF
X	0.1mm +/-0.1mm

**Packaging Specifications**

<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	500

**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>	224.2 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>	50 VDC (85C), 33.5 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>	B (0.1%/1000 Hrs)
<b>Resistance:</b>	6 Ohms (100kHz 25C)
<b>Leakage Current:</b>	0.5 uA (5min 25°C)
<b>Testing and Reliability:</b>	Standard Testing Only

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